

Converting Colors

XYZ(88.1652, 88.9708,
101.3542)

Have a look what the booklet for
XYZ(88.1652, 88.9708, 101.3542)
contains.

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Color

**XYZ(88.0258, 88.8090,
101.3093)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEEF8
RGB	253, 238, 248
RGB Percent	99%, 93%, 97%
CMY	0.0078, 0.0666, 0.0274
CMYK	0.00, 0.06, 0.02, 0.01
HSL	320°, 79%, 96%
HSV	320°, 6%, 99%
XYZ	88.0258, 88.8090, 101.3093
YIQ	243.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

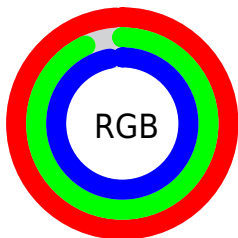
Format	Color
R _Y B	253, 238, 248
Decimal	16641784
CIE Lab	95.50, 6.77, -3.01
CIE LCh	96, 7.405, 336.027
Yxy	88.8090, 0.3165, 0.3193
Android (android.graphics.Color)	4294831864 (0xFFFDDEF8)
YUV	243.6250, 2.1569, 8.2219
Hunter-Lab	94.2385, 1.8149, 2.2284

Details

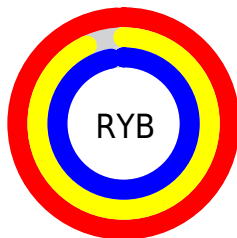
The XYZ color **88.0258, 88.8090, 101.3093** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5662, 94.9011, 98.5539**, and the grayscale version is **85.6717, 90.1333, 98.1552**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0073, 48.9974, 56.7437** is the 20% darker color. If you saturate the color by 10%, you get **79.8926, 74.5890, 92.2867**, and if you desaturate by 10%, it is **94.3186, 99.6229, 108.8658**.

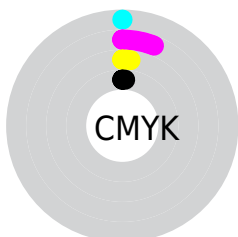
Distribution



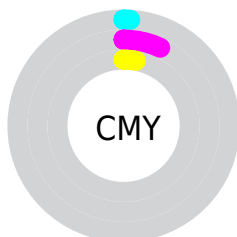
- Red (99%)
- Green (93%)
- Blue (97%)



- Red (99%)
- Yellow (93%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0258, 88.8090, 101.3093 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 88.0258, 88.8090, 101.3093 by changing the saturation by 10% instead.

 88.0258, 88.8090,
101.3093

 88.0258, 88.8090,
101.3093


509.9219,
524.1489, 585.6648

 66.6753, 66.9933,
76.7715

143.4854,
145.6829, 165.0228

 49.0905, 49.0792,
56.5549


178.3252,
181.5099, 205.0356

 34.9061, 34.6823,
40.2410


218.3922,
222.7761, 251.0438

 23.7567, 23.4182,
27.4113

264.0517,
269.8659, 303.4660

 15.2770, 14.9026,
17.6472

315.6691,
323.1637, 362.7206

 9.1016, 8.7511,
10.5302

373.6096,

 4.8652, 4.5792,

383.0538, 429.2263

5.6417

438.2388,
449.9208, 503.4015

■ 2.2023, 2.0025,
2.5632

■ 0.7440, 0.6089,
0.8734

■ 88.0258, 88.8090,
101.3093

■ 88.0258, 88.8090,
101.3093

■ 79.8926, 74.5890,
92.2867

94.3186, 99.6229,
108.8658

■ 72.8073, 62.3728,
83.8995

■ 66.7256, 52.0720,
76.1303

■ 61.5972, 43.5872,
68.9583

■ 57.3673, 36.8100,
62.3612

■ 53.9752, 31.6203,
56.3147

■ 51.3523, 27.8823,
50.7917

■ 49.4184, 25.4372,
45.7612

■ 48.0745, 24.0883,
41.1857

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7260, 88.8090, 106.0191



88.0258, 88.8090, 101.3093



88.3501, 88.8090, 95.5293

Triad

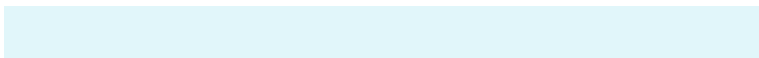
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0258, 88.8090, 101.3093



84.0013, 88.8090, 86.0059



81.2941, 88.8090, 103.4202

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.0258, 88.8090, 101.3093



86.5662, 94.9011, 98.5539

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5894, 88.8090, 97.8760



88.0258, 88.8090, 101.3093



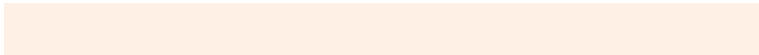
82.1362, 88.8090, 87.9397

Square

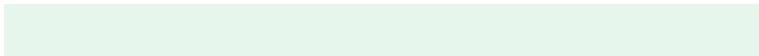
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



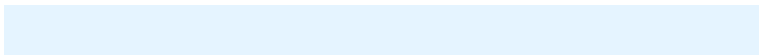
88.0258, 88.8090, 101.3093



86.0055, 88.8090, 86.8429



80.8952, 88.8090, 92.2286



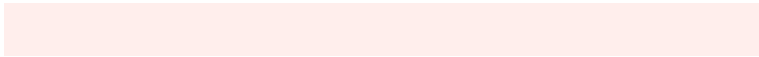
82.8350, 88.8090, 107.2716

Rectangle

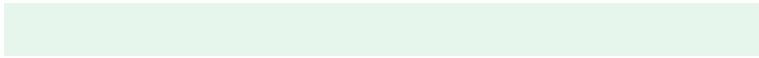
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



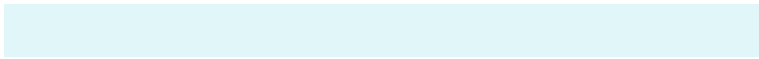
88.0258, 88.8090, 101.3093



87.9650, 88.8090, 91.8771



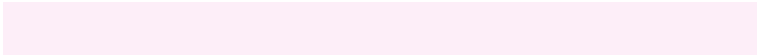
80.8952, 88.8090, 92.2286



80.9527, 88.8090, 101.6844

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.0283, 88.8128, 101.3112



93.1719, 96.6800, 106.9293



85.2698, 87.2999, 105.2861



19.9623, 20.7283, 22.9080



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

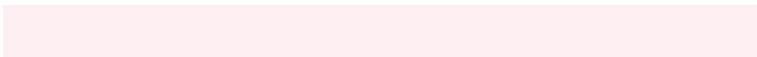
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0283, 88.8128, 101.3112



88.6741, 88.7578, 102.1204



86.8882, 88.3568, 95.3071



18.8677, 18.8009, 21.7361



25.4111, 12.6537, 21.3469



2.5249, 1.2524, 2.3458

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.0283, 88.8128, 101.3112



88.6741, 88.7578, 102.1204



87.7218, 95.3634, 104.6395



18.8677, 18.8009, 21.7361



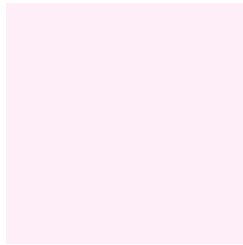
25.4111, 12.6537, 21.3469



2.5249, 1.2524, 2.3458

Previews

White Background



This preview shows how the XYZ color 88.0258, 88.8090, 101.3093 looks on a white background.

Color Contrast Check

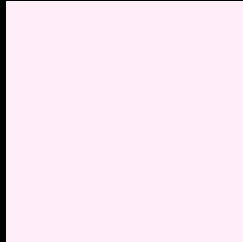
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 88.0258, 88.8090, 101.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

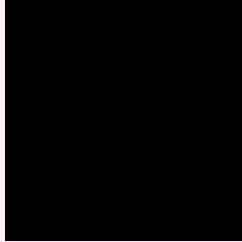
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0258, 88.8090, 101.3093

Background



This preview shows how black text looks on a background with the XYZ color 88.0258, 88.8090, 101.3093.

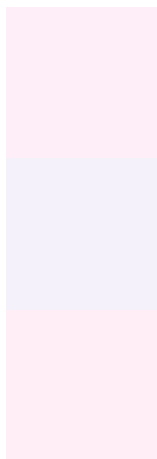


This preview shows how white text looks on a background with the XYZ color 88.0258, 88.8090,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.0258, 88.8090, 101.3093

Protanopia

86.0188, 89.0458, 103.0964

Deuteranopia

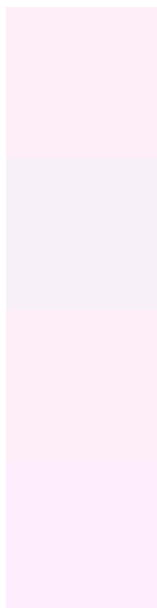
88.4491, 89.0629, 99.7179



Tritanopia

89.2072, 88.8592, 107.0576

Trichromacy



Original Color

88.0258, 88.8090, 101.3093

Protanomaly

86.6167, 88.9339, 102.2233

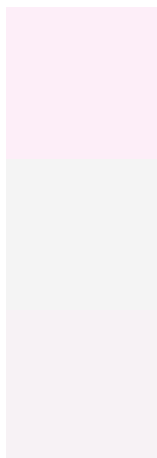
Deuteranomaly

88.2361, 88.9353, 100.5114

Tritanomaly

88.7279, 88.6675, 104.5335

Monochromacy



Original Color

88.0258, 88.8090, 101.3093

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.5913, 89.8710, 99.1692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0258, 88.8090, 101.3093 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 238, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 238, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.0258, 88.8090, 101.3093 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 238, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 238, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 238, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 238, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 238, 248); box-shadow:4px 4px 4px 4px rgb(253, 238, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0258, 88.8090, 101.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
238, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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