

Converting Colors

XYZ(205.8005, 156.9282,
78.5787)

Have a look what the booklet for
XYZ(205.8005, 156.9282, 78.5787)
contains.

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Color

**XYZ(87.6278, 96.0156,
72.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCF
RGB	255, 253, 207
RGB Percent	100%, 99%, 81%
CMY	0.0000, 0.0078, 0.1882
CMYK	0.00, 0.01, 0.19, 0.00
HSL	58°, 100%, 91%
HSV	58°, 19%, 100%
XYZ	87.6278, 96.0156, 72.9459
YIQ	248.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

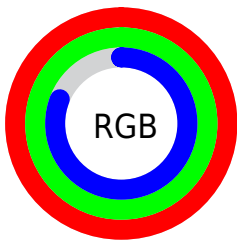
Format	Color
R_{YB}	209, 255, 207
Decimal	16776655
CIE Lab	98.44, -6.63, 22.31
CIE LCh	98, 23.271, 106.561
Yxy	96.0156, 0.3415, 0.3742
Android (android.graphics.Color)	4294966735 (0xFFFFD9CF)
YUV	248.3540, -20.3875, 5.8285
Hunter-Lab	97.9876, -11.8502, 24.4534

Details

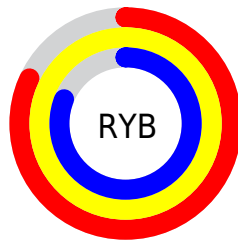
The XYZ color **87.6278, 96.0156, 72.9459** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.5821, 66.0845, 103.8541**, and the grayscale version is **89.6673, 94.3370, 102.7330**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7784, 53.7855, 37.9477** is the 20% darker color. If you saturate the color by 10%, you get **84.4260, 94.2046, 57.7203**, and if you desaturate by 10%, it is **91.3396, 98.0400, 90.8280**.

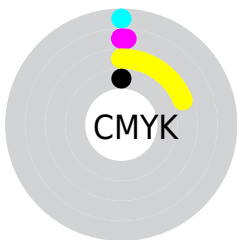
Distribution



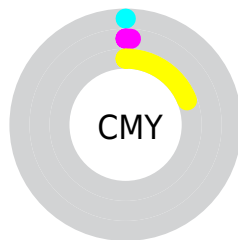
- Red (100%)
- Green (99%)
- Blue (81%)



- Red (82%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.6278, 96.0156, 72.9459 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 87.6278, 96.0156, 72.9459 by changing the saturation by 10% instead.


 87.6278, 96.0156,
72.9459

 87.6278, 96.0156,
72.9459


508.6372,
547.4112, 489.8930

 66.3446, 72.9806,
53.4402

142.9340,
155.6669, 125.1206

 48.8210, 53.9601,
37.7641


177.6878,
193.0520, 158.6267

 34.6914, 38.5697,
25.4993


217.6625,
235.9893, 197.6366

 23.5907, 26.4252,
16.2270

263.2235,
284.8630, 242.5689

 15.1533, 17.1420,
9.5289

314.7361,
340.0577, 293.8422

 9.0141, 10.3358,
4.9862

372.5657,

 4.8076, 5.6221,

401.9577, 351.8749

2.1806

437.0776,
470.9474, 417.0857

■ 2.1684, 2.6167,
0.6631

■ 0.7260, 0.9351,
0.0000

■ 87.6278, 96.0156,
72.9459

■ 87.6278, 96.0156,
72.9459

■ 84.4260, 94.2046,
57.7203

■ 91.3396, 98.0400,
90.8280

■ 81.7032, 92.5849,
45.0179

95.0500, 100.0000,
108.9000

■ 79.4356, 91.1503,
34.7033

■ 77.5945, 89.8892,
26.6259

■ 76.1482, 88.7890,
20.6179

■ 75.0602, 87.8351,
16.4881

■ 74.2876, 87.0102,
14.0097

■ 73.7679, 86.2894,
12.8538

■ 73.7138, 86.2076,
12.7546

Harmonies

Analogous

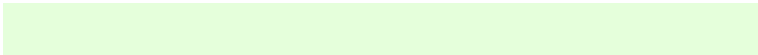
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2949, 96.0156, 72.5364



87.6278, 96.0156, 72.9459



82.1992, 96.0156, 81.1174

Triad

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



87.6278, 96.0156, 72.9459



82.6641, 96.0156, 133.7692



104.4075, 96.0156, 113.3797

Complementary

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



87.6278, 96.0156, 72.9459



66.5821, 66.0845, 103.8541

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.



100.9632, 96.0156, 132.0971



87.6278, 96.0156, 72.9459



88.2908, 96.0156, 144.8070

Square

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



87.6278, 96.0156, 72.9459



79.4311, 96.0156, 115.4464



94.9911, 96.0156, 144.1600



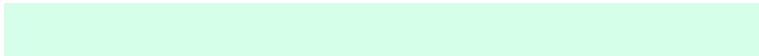
104.2084, 96.0156, 94.3518

Rectangle

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



87.6278, 96.0156, 72.9459



79.9153, 96.0156, 90.5102



94.9911, 96.0156, 144.1600



103.6304, 96.0156, 119.9598

Sweetspot

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



87.6301, 96.0197, 72.9479



92.4812, 98.6487, 96.3714



75.1118, 70.5101, 70.2339



19.7374, 21.0844, 20.3487



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

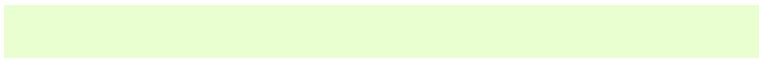
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.6301, 96.0197, 72.9479



86.2315, 95.2371, 66.2714



80.7581, 93.4163, 72.8076



19.4928, 20.9537, 19.1614



38.5456, 45.1024, 6.6741



3.7723, 4.4300, 0.6563

Inverse Universe

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



66.5821, 66.0845, 103.8541



61.2803, 59.7512, 102.9111



72.5493, 68.4392, 103.9941



17.0635, 17.4986, 22.7282



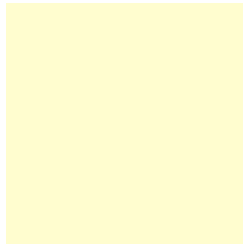
9.5177, 3.9450, 49.6944



0.9471, 0.4248, 4.8454

Previews

White Background



This preview shows how the XYZ color 87.6278, 96.0156, 72.9459 looks on a white background.

Color Contrast Check

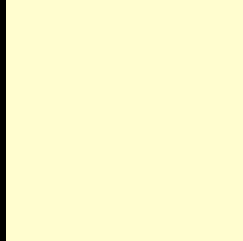
Large Text (above 18pt) WCAG AA × Fail

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 87.6278, 96.0156, 72.9459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

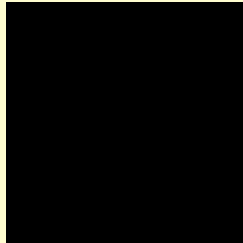
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.6278, 96.0156, 72.9459

Background



This preview shows how black text looks on a background with the XYZ color 87.6278, 96.0156, 72.9459.



This preview shows how white text looks on a background with the XYZ color 87.6278, 96.0156,

72.9459.

Color Blindness Simulation

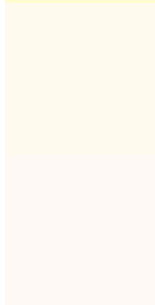
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.6278, 96.0156, 72.9459



Protanopia

90.8582, 95.8043, 94.5922

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

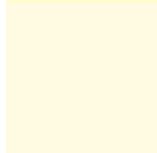
92.7987, 96.0422, 108.2547

Trichromacy



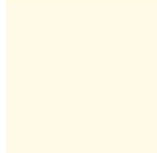
Original Color

87.6278, 96.0156, 72.9459



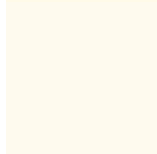
Protanomaly

89.6023, 95.8004, 86.4418



Deuteranomaly

89.9911, 95.4574, 90.0260



Tritanomaly

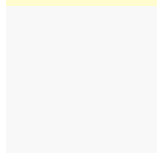
90.4913, 95.6151, 94.5751

Monochromacy



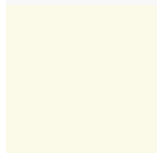
Original Color

87.6278, 96.0156, 72.9459



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.6772, 94.7636, 90.7082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.6278, 96.0156, 72.9459 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(255, 253, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 207)  
}
```

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(255, 253, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 207) }
```

Border

The CSS property to change the border of an element to XYZ 87.6278, 96.0156, 72.9459 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(255, 253, 207) }
```


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

```
.border{ border-color:rgb(255, 253, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 87.6278, 96.0156, 72.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 207) }
```

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

```
.background{ background-color: rgb(255,  
253, 207) }
```

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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