

Converting Colors

XYZ(86.6944, 96.1093, 68.3813)

Have a look what the booklet for
XYZ(86.6944, 96.1093, 68.3813)
contains.

XYZ(86.7402, 96.1246, 68.6258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(86.7402, 96.1246,
68.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFEC8
RGB	254, 254, 200
RGB Percent	100%, 100%, 78%
CMY	0.0039, 0.0039, 0.2157
CMYK	0.00, 0.00, 0.21, 0.00
HSL	60°, 96%, 89%
HSV	60°, 21%, 100%
XYZ	86.7402, 96.1246, 68.6258
YIQ	247.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

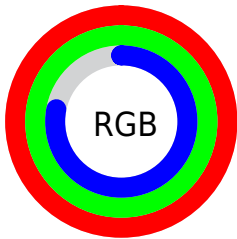
Format	Color
R _Y B	200, 254, 200
Decimal	16711368
CIE Lab	98.48, -8.47, 25.91
CIE LCh	98, 27.254, 108.102
Yxy	96.1246, 0.3449, 0.3822
Android (android.graphics.Color)	4294901448 (0xFFFEFEC8)
YUV	247.8440, -23.5871, 5.3988
Hunter-Lab	98.0432, -13.6540, 27.1299

Details

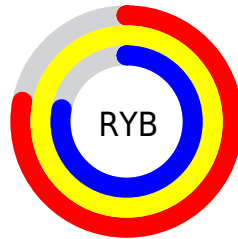
The XYZ color **86.7402, 96.1246, 68.6258** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.3668, 60.7462, 102.2094**, and the grayscale version is **89.2746, 93.9238, 102.2830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1805, 53.8781, 35.0543** is the 20% darker color. If you saturate the color by 10%, you get **84.0149, 95.0376, 54.2686**, and if you desaturate by 10%, it is **89.9638, 97.4174, 85.5845**.

Distribution



- Red (100%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.7402, 96.1246, 68.6258 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 86.7402, 96.1246, 68.6258 by changing the saturation by 10% instead.


 86.7402, 96.1246,
68.6258

 86.7402, 96.1246,
68.6258


505.7661,
547.7590, 474.3682

 65.6075, 73.0713,
49.9372


141.7035,
155.8174, 118.9096

 48.2204, 54.0343,
34.9926


176.2648,
193.2257, 151.3419

 34.2134, 38.6291,
23.3737


216.0331,
236.1878, 189.1924

 23.2213, 26.4713,
14.6618

261.3737,
285.0880, 232.8798

 14.8786, 17.1766,
8.4384

312.6520,
340.3109, 282.8225

 8.8200, 10.3605,
4.2850

370.2332,

 4.6801, 5.6386,

402.2408, 339.4391

1.7829

434.4828,
471.2620, 403.1482

■ 2.0936, 2.6266,
0.4167

■ 0.6858, 0.9401,
0.0000

■ 86.7402, 96.1246,
68.6258

■ 86.7402, 96.1246,
68.6258

■ 84.0149, 95.0376,
54.2686

■ 89.9638, 97.4174,
85.5845

■ 81.7560, 94.1340,
42.3786

■ 93.7007, 98.9123,
105.2579

■ 79.9396, 93.4073,
32.8188

■ 94.3701, 99.1802,
108.7776

■ 78.5366, 92.8460,
25.4362

■ 94.3711, 99.1807,
108.7776

■ 77.5147, 92.4371, 94.3721, 99.1812,
20.0598 108.7777

■ 76.8363, 92.1656, 94.3731, 99.1818,
16.4931 108.7777

■ 76.4568, 92.0137, 94.3742, 99.1823,
14.4998 108.7778

■ 76.3092, 91.9546, 94.3752, 99.1828,
13.7271 108.7778

94.3762, 99.1833,
108.7779

Harmonies

Analogous

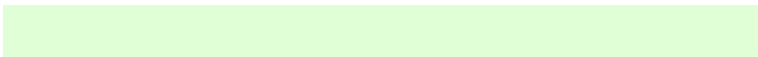
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5204, 96.1246, 67.7133



86.7402, 96.1246, 68.6258



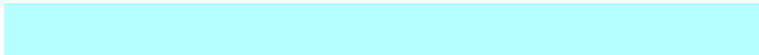
80.5524, 96.1246, 78.2980

Triad

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



86.7402, 96.1246, 68.6258



81.6223, 96.1246, 140.3644



106.9917, 96.1246, 113.8589

Complementary

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



86.7402, 96.1246, 68.6258



62.3668, 60.7462, 102.2094

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.



103.1011, 96.1246, 136.3682



86.7402, 96.1246, 68.6258



88.2778, 96.1246, 153.0773

Square

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



86.7402, 96.1246, 68.6258



77.7166, 96.1246, 118.7203



96.1483, 96.1246, 151.5179



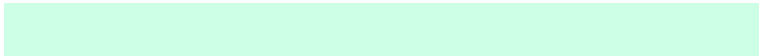
106.5213, 96.1246, 91.7622

Rectangle

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



86.7402, 96.1246, 68.6258



78.0249, 96.1246, 89.3120



96.1483, 96.1246, 151.5179



106.1418, 96.1246, 121.6801

Sweetspot

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



86.7427, 96.1289, 68.6278



92.6830, 99.0531, 96.4389



71.9558, 66.5519, 63.6983



19.7853, 21.1804, 20.3647



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

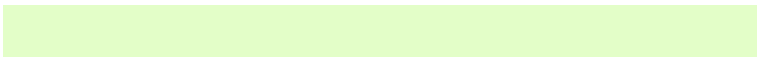
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7427, 96.1289, 68.6278



86.1501, 96.4397, 62.0477



77.5494, 91.3895, 68.1976



19.5611, 21.0907, 19.1843



40.2289, 48.4769, 7.2367



3.9170, 4.7201, 0.7046

Inverse Universe

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



62.3668, 60.7462, 102.2094



57.0968, 54.2677, 102.0731



70.2251, 64.7973, 102.5772



17.0033, 17.3779, 22.7081



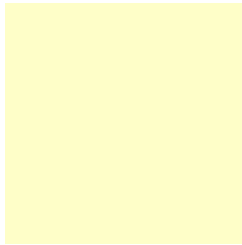
9.4318, 3.7727, 49.6657



0.9184, 0.3674, 4.8358

Previews

White Background



This preview shows how the XYZ color 86.7402, 96.1246, 68.6258 looks on a white background.

Color Contrast Check

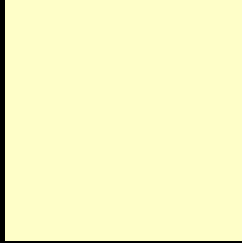
Large Text (above 18pt) WCAG AA × Fail

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 86.7402, 96.1246, 68.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

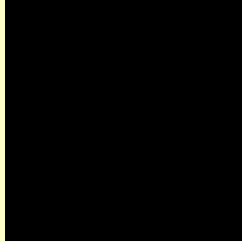
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.7402, 96.1246, 68.6258

Background



This preview shows how black text looks on a background with the XYZ color 86.7402, 96.1246, 68.6258.



This preview shows how white text looks on a background with the XYZ color 86.7402, 96.1246,

68.6258.

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

86.7402, 96.1246, 68.6258

Protanopia

90.8582, 95.8043, 94.5922

Deuteranopia

92.0602, 96.2850, 100.9216

Tritanopia

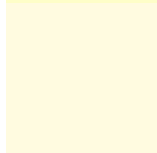
92.7987, 96.0422, 108.2547

Trichromacy



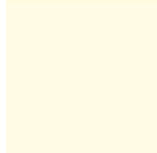
Original Color

86.7402, 96.1246, 68.6258



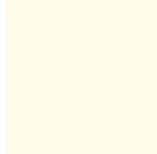
Protanomaly

89.1917, 95.6362, 84.2797



Deuteranomaly

89.8800, 95.9115, 87.9043



Tritanomaly

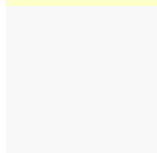
90.3656, 96.0633, 92.3766

Monochromacy



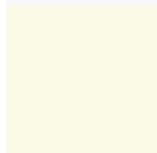
Original Color

86.7402, 96.1246, 68.6258



Achromatopsia

89.2221, 93.8686, 102.2229



Achromatomaly

88.0338, 94.4647, 89.1949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7402, 96.1246, 68.6258 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(254, 254, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 200)  
}
```

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(254, 254, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 200) }
```

Border

The CSS property to change the border of an element to XYZ 86.7402, 96.1246, 68.6258 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(254, 254, 200) }
```


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

```
.border{ border-color:rgb(254, 254, 200) }
```

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

Here you see how a box with a 4 pixel rgb(254, 254, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7402, 96.1246, 68.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 200) }
```

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

```
.background{ background-color: rgb(254,  
254, 200) }
```

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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