

Converting Colors

XYZ(58.2691, 54.7606, 87.7348)

Have a look what the booklet for
XYZ(58.2691, 54.7606, 87.7348)
contains.

XYZ(58.2332, 54.6342, 87.5970)	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(58.2332, 54.6342,
87.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBBED
RGB	205, 187, 237
RGB Percent	80%, 73%, 93%
CMY	0.1961, 0.2666, 0.0706
CMYK	0.14, 0.21, 0.00, 0.07
HSL	262°, 58%, 83%
HSV	262°, 21%, 93%
XYZ	58.2332, 54.6342, 87.5970
YIQ	198.0820, -5.3220, 19.3660

Conversions

Conversions Part 2

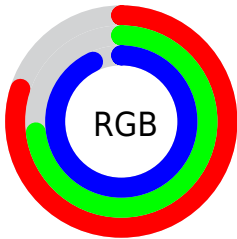
Format	Color
R_{YB}	205, 187, 237
Decimal	13482989
CIE _{Lab}	78.83, 15.92, -22.51
CIE _{LCh}	79, 27.569, 305.260
Yxy	54.6342, 0.2905, 0.2725
Android (android.graphics.Color)	4291673069 (0xFFCDBBED)
YUV	198.0820, 19.1866, 6.0671
Hunter-Lab	73.9150, 11.2784, -18.5244

Details

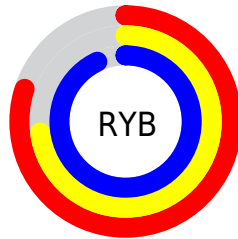
The XYZ color **58.2332, 54.6342, 87.5970** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.4691, 79.2177, 58.6981**, and the grayscale version is **53.6172, 56.4094, 61.4299**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.4433, 26.8704, 47.3507** is the 20% darker color. If you saturate the color by 10%, you get **49.6312, 43.3428, 85.8718**, and if you desaturate by 10%, it is **68.0741, 67.7987, 89.6202**.

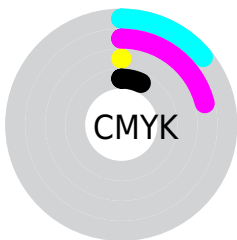
Distribution



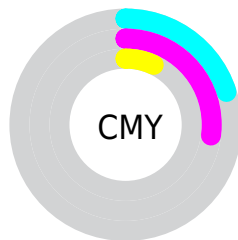
- Red (80%)
- Green (73%)
- Blue (93%)



- Red (80%)
- Yellow (73%)
- Blue (93%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2332, 54.6342, 87.5970 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 58.2332, 54.6342, 87.5970 by changing the saturation by 10% instead.

■ 58.2332, 54.6342,
87.5970

■ 58.2332, 54.6342,
87.5970

407.9942,
404.5238, 540.5497

■ 42.2401, 39.1089,
65.4269

■ 101.3834, 97.0048,
145.9022

■ 29.4813, 26.8445,
47.3538

129.2712,
124.6189, 182.8743

■ 19.5913, 17.4565,
32.9591

161.8547,
157.0314, 225.6176

■ 12.2049, 10.5605,
21.8242

199.4992,
194.6267, 274.5506

■ 6.9565, 5.7721,
13.5307

242.5700,
237.7892, 330.0917

■ 3.4810, 2.7070,
7.6600

291.4326,

■ 1.4130, 0.9808,

286.9033, 392.6596

3.7935

346.4522,
342.3534, 462.6727

■ 0.2654, 0.0000,
1.5128

■ 0.0000, 0.0000,
0.2274

■ 58.2332, 54.6342,
87.5970

■ 58.2332, 54.6342,
87.5970

■ 49.6312, 43.3428,
85.8718

■ 68.0741, 67.7987,
89.6202

■ 42.2106, 33.8304,
84.4268

■ 79.1975, 82.9108,
91.9509

■ 35.9173, 26.0049,
83.2480

■ 90.6529, 98.0525,
94.2697

■ 30.6900, 19.7630,
82.3187

■ 92.2862, 98.8945,
94.3462

■ 26.4614, 14.9895,
81.6202

■ 23.1553, 11.5531,
81.1312

■ 20.6824, 9.2973,
80.8261

■ 19.0612, 8.0606,
80.6728

Harmonies

Analogous

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



52.8975, 54.6342, 94.7658



58.2332, 54.6342, 87.5970



62.0676, 54.6342, 72.9903

Triad

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



58.2332, 54.6342, 87.5970



56.4507, 54.6342, 36.1289



42.1521, 54.6342, 62.2891

Complementary

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



58.2332, 54.6342, 87.5970



68.4691, 79.2177, 58.6981

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.



42.9579, 54.6342, 47.7617



58.2332, 54.6342, 87.5970



50.9708, 54.6342, 34.2718

Square

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



58.2332, 54.6342, 87.5970



60.9889, 54.6342, 43.7516



46.0955, 54.6342, 38.1438



43.8124, 54.6342, 78.6052

Rectangle

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



58.2332, 54.6342, 87.5970



63.1192, 54.6342, 62.0086



46.0955, 54.6342, 38.1438



42.1449, 54.6342, 57.0354

Sweetspot

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



58.2349, 54.6365, 87.5982



86.8505, 88.8135, 107.1730



61.2436, 67.6054, 89.9429



18.4058, 18.7602, 22.9009



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.



58.2349, 54.6365, 87.5982



64.5249, 58.9168, 102.5790



65.5309, 58.3977, 87.9397



14.7430, 14.8128, 19.0044



10.5371, 4.4680, 44.0500



0.9293, 0.4034, 3.4638

Inverse Universe

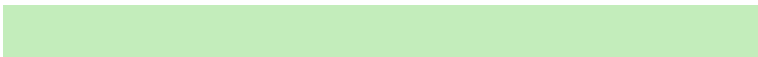
The Inverse Universe completely reimagines the original color for something new.



65.4834, 58.6619, 74.8918



74.4982, 64.4599, 84.8978



61.6324, 75.6932, 58.3781



15.4713, 15.2164, 17.7673



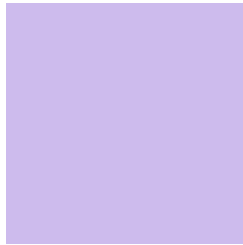
22.2130, 11.0879, 17.4547



1.7900, 0.8890, 1.6114

Previews

White Background



This preview shows how the XYZ color 58.2332, 54.6342, 87.5970 looks on a white background.

Color Contrast Check

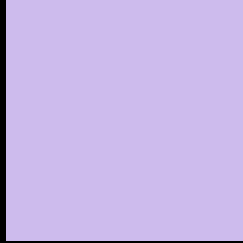
Large Text (above 18pt) WCAG AA × Fail

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 58.2332, 54.6342, 87.5970 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 58.2332, 54.6342, 87.5970

Background



This preview shows how black text looks on a background with the XYZ color 58.2332, 54.6342, 87.5970.



This preview shows how white text looks on a background with the XYZ color 58.2332, 54.6342,

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

58.2332, 54.6342, 87.5970

Protanopia

54.7143, 54.6811, 90.8899

Deuteranopia

56.0193, 54.7871, 86.9793



Tritanopia

53.9315, 54.4836, 66.7054

Trichromacy



Original Color

58.2332, 54.6342, 87.5970

Protanomaly

56.0972, 54.7593, 90.0510

Deuteranomaly

56.8425, 54.8888, 86.9556

Tritanomaly

55.4255, 54.4454, 73.9174

Monochromacy



Original Color

58.2332, 54.6342, 87.5970

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2628, 55.7545, 70.1364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2332, 54.6342, 87.5970 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(205, 187, 237)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 237)  
}
```

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(205, 187, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 237) }
```

Border

The CSS property to change the border of an element to XYZ 58.2332, 54.6342, 87.5970 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(205, 187, 237) }
```


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

```
.border{ border-color:rgb(205, 187, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 187, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 237);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2332, 54.6342, 87.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 237) }
```

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

```
.background{ background-color: rgb(205,  
187, 237) }
```

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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