

Converting Colors

XYZ(57.4727, 56.6813, 93.6556)

Have a look what the booklet for
XYZ(57.4727, 56.6813, 93.6556)
contains.

XYZ(57.5825, 56.7683, 93.5104)	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(57.5825, 56.7683,
93.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C3F4
RGB	192, 195, 244
RGB Percent	75%, 76%, 96%
CMY	0.2470, 0.2353, 0.0431
CMYK	0.21, 0.20, 0.00, 0.04
HSL	237°, 70%, 85%
HSV	237°, 21%, 96%
XYZ	57.5825, 56.7683, 93.5104
YIQ	199.6890, -17.5170, 14.6030

Conversions

Conversions Part 2

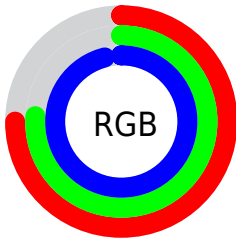
Format	Color
RYB	192, 195, 244
Decimal	12633076
CIELab	80.05, 9.07, -24.50
CIElCh	80, 26.130, 290.319
Yxy	56.7683, 0.2770, 0.2731
Android (android.graphics.Color)	4290823156 (0xFFC0C3F4)
YUV	199.6890, 21.8453, -6.7433
Hunter-Lab	75.3447, 4.5660, -20.8435

Details

The XYZ color **57.5825, 56.7683, 93.5104** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.2787, 85.9499, 62.3351**, and the grayscale version is **54.5877, 57.4305, 62.5418**.

A 20% lighter version of the original color is **91.6141, 96.3541, 108.3774**, and **29.0832, 28.0839, 51.4648** is the 20% darker color. If you saturate the color by 10%, you get **47.1482, 44.3227, 91.6590**, and if you desaturate by 10%, it is **69.8378, 71.3328, 95.6766**.

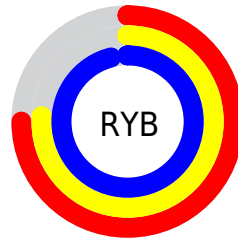
Distribution



Red (75%)

Green (76%)

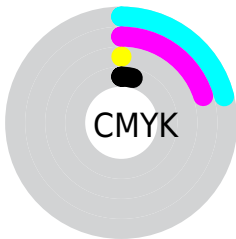
Blue (96%)



Red (75%)

Yellow (76%)

Blue (96%)

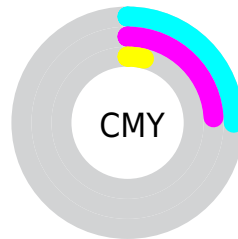


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5825, 56.7683, 93.5104 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 57.5825, 56.7683, 93.5104 by changing the saturation by 10% instead.

■ 57.5825, 56.7683,
93.5104

■ 57.5825, 56.7683,
93.5104

405.6074,
412.5805, 560.2472

■ 41.7151, 40.8192,
70.3058

□ 100.4411,
100.1270, 154.1829

■ 29.0684, 28.1779,
51.2975

128.1630,
128.3055, 192.4878

■ 19.2771, 18.4598,
36.0671

160.5670,
161.3292, 236.6632

■ 11.9759, 11.2806,
24.1959

198.0186,
199.5826, 287.1278

■ 6.7993, 6.2559,
15.2655

240.8831,
243.4500, 344.2999

■ 3.3821, 3.0013,
8.8572

289.5258,

■ 1.3589, 1.1324,

293.3159, 408.5981

4.5526

344.3121,
349.5646, 480.4410

■ 0.2267, 0.0054,
1.9331

■ 0.0000, 0.0000,
0.5137

■ 57.5825, 56.7683,
93.5104

■ 57.5825, 56.7683,
93.5104

■ 47.1482, 44.3227,
91.6590

■ 69.8378, 71.3328,
95.6766

■ 38.4428, 33.8908,
90.1043

■ 83.9895, 88.1012,
98.1674

■ 31.3745, 25.3687,
88.8319

■ 93.3293, 99.3117,
99.8390

■ 25.8407, 18.6405,
87.8249

■ 21.7272, 13.5778,
87.0645

■ 18.9039, 10.0349,
86.5295

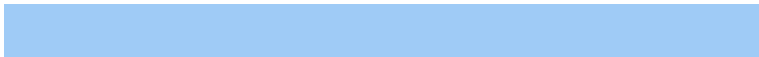
■ 17.2166, 7.8409,
86.1949

■ 16.4875, 6.8480,
86.0417

Harmonies

Analogous

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



52.2566, 56.7683, 95.3728



57.5825, 56.7683, 93.5104



62.2074, 56.7683, 82.4393

Triad

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



57.5825, 56.7683, 93.5104



60.7465, 56.7683, 41.9165



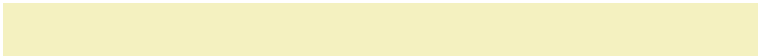
44.4991, 56.7683, 57.0199

Complementary

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



57.5825, 56.7683, 93.5104



78.2787, 85.9499, 62.3351

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.



46.4696, 56.7683, 44.9474



57.5825, 56.7683, 93.5104



55.6930, 56.7683, 37.2219

Square

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



57.5825, 56.7683, 93.5104



64.1157, 56.7683, 52.1974



50.4861, 56.7683, 38.2320



44.9316, 56.7683, 72.5380

Rectangle

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



57.5825, 56.7683, 93.5104



64.1593, 56.7683, 72.1983



50.4861, 56.7683, 38.2320



44.8972, 56.7683, 52.4711

Sweetspot

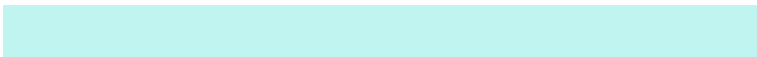
The Sweet Spot groups the original color and five complimentary colors.



57.5843, 56.7706, 93.5117



85.2154, 88.3568, 107.1710



69.8978, 82.2320, 95.0435



18.0205, 18.6524, 22.9004



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.



57.5843, 56.7706, 93.5117



57.9274, 55.9314, 102.3505



63.0677, 58.6092, 93.5776



15.6579, 16.0801, 20.8211



8.9956, 3.7851, 46.7945



0.8171, 0.3856, 4.1216

Inverse Universe

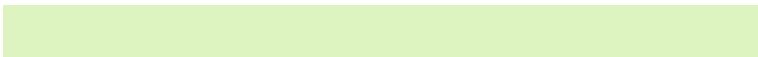
The Inverse Universe completely reimagines the original color for something new.



66.0097, 60.8742, 59.9030



68.9460, 61.3554, 58.3845



71.8275, 83.9538, 62.2899



16.5379, 16.4980, 17.3132



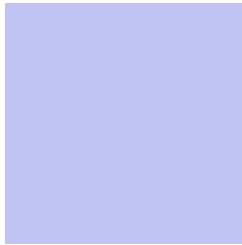
20.3451, 10.4815, 1.2597



1.8015, 0.9266, 0.1811

Previews

White Background



This preview shows how the XYZ color 57.5825, 56.7683, 93.5104 looks on a white background.

Color Contrast Check

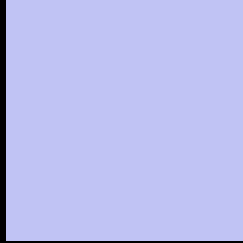
Large Text (above 18pt) WCAG AA × Fail

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 57.5825, 56.7683, 93.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

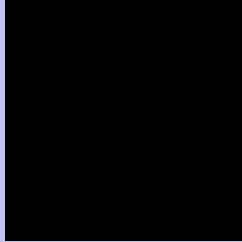
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5825, 56.7683, 93.5104

Background



This preview shows how black text looks on a background with the XYZ color 57.5825, 56.7683, 93.5104.



This preview shows how white text looks on a background with the XYZ color 57.5825, 56.7683,

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

57.5825, 56.7683, 93.5104

Protanopia

56.7149, 56.6372, 94.3291

Deuteranopia

57.8691, 56.5846, 93.4598



Tritanopia

53.5425, 56.8312, 73.1133

Trichromacy



Original Color

57.5825, 56.7683, 93.5104

Protanomaly

57.2076, 56.8912, 94.3521

Deuteranomaly

57.6132, 56.4527, 93.4479

Tritanomaly

54.9078, 56.6980, 80.0014

Monochromacy



Original Color

57.5825, 56.7683, 93.5104

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6147, 57.2164, 73.0784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5825, 56.7683, 93.5104 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(192, 195, 244)` looks like.

```
.text, #text, p{  
    color:rgb(192, 195, 244)  
}
```

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(192, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 195, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.5825, 56.7683, 93.5104 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(192, 195, 244) }
```


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

```
.border{ border-color:rgb(192, 195, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 195, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 195, 244);  
box-shadow:4px 4px 4px 4px rgb(192, 195,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5825, 56.7683, 93.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 195, 244) }
```

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

```
.background{ background-color: rgb(192,  
195, 244) }
```

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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