

Converting Colors

XYZ(56.6414, 55.4158, 87.8318)

Have a look what the booklet for
XYZ(56.6414, 55.4158, 87.8318)
contains.

XYZ(56.6414, 55.4158, 87.8318)	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(56.6414, 55.4158,
87.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C0ED
RGB	195, 192, 237
RGB Percent	76%, 75%, 93%
CMY	0.2353, 0.2470, 0.0706
CMYK	0.18, 0.19, 0.00, 0.07
HSL	244°, 56%, 84%
HSV	244°, 19%, 93%
XYZ	56.6414, 55.4158, 87.8318
YIQ	198.0270, -12.6570, 14.6310

Conversions

Conversions Part 2

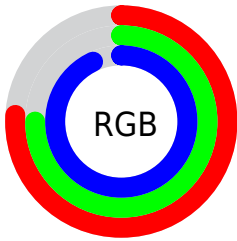
Format	Color
RYB	195, 192, 237
Decimal	12828909
CIELab	79.28, 10.07, -21.90
CIElCh	79, 24.106, 294.693
Yxy	55.4158, 0.2834, 0.2772
Android (android.graphics.Color)	4291018989 (0xFFC3C0ED)
YUV	198.0270, 19.2137, -2.6547
Hunter-Lab	74.4418, 5.5443, -17.8454

Details

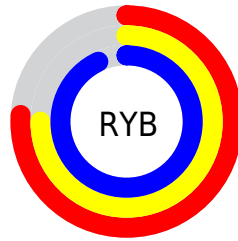
The XYZ color **56.6414, 55.4158, 87.8318** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.7321, 81.8680, 61.7876**, and the grayscale version is **53.5868, 56.3775, 61.3951**.

A 20% lighter version of the original color is **91.7623, 95.0503, 108.1179**, and **28.5576, 27.4642, 47.5120** is the 20% darker color. If you saturate the color by 10%, you get **46.5525, 43.1029, 85.9878**, and if you desaturate by 10%, it is **68.4184, 69.8455, 89.9972**.

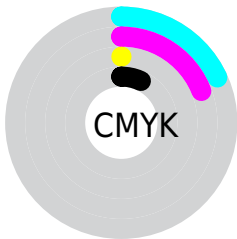
Distribution



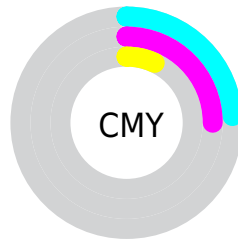
- Red (76%)
- Green (75%)
- Blue (93%)



- Red (76%)
- Yellow (75%)
- Blue (93%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6414, 55.4158, 87.8318 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 56.6414, 55.4158, 87.8318 by changing the saturation by 10% instead.

■ 56.6414, 55.4158,
87.8318

■ 56.6414, 55.4158,
87.8318

402.1402,
407.4862, 541.3393

■ 40.9564, 39.7347,
65.6202

■ 99.0761, 98.1499,
146.2320

■ 28.4726, 27.3318,
47.5096

126.5566,
125.9717, 183.2578

■ 18.8244, 17.8226,
33.0815

158.6996,
158.6092, 226.0587

■ 11.6468, 10.8227,
21.9173

195.8705,
196.4468, 275.0533

■ 6.5741, 5.9477,
13.5984

238.4347,
239.8689, 330.6601

■ 3.2412, 2.8133,
7.7063

286.7574,

■ 1.2825, 1.0351,

289.2599, 393.2977

3.8225

341.2041,
345.0042, 463.3846

■ 0.1701, 0.0000,
1.5285

■ 0.0000, 0.0000,
0.2390

■ 56.6414, 55.4158,
87.8318

■ 56.6414, 55.4158,
87.8318

■ 46.5525, 43.1029,
85.9878

■ 68.4184, 69.8455,
89.9972

■ 38.0694, 32.8009,
84.4464

■ 81.9505, 86.4779,
92.4944

■ 31.1106, 24.4049,
83.1926

■ 92.2862, 98.8945,
94.3462

■ 25.5855, 17.7976,
82.2085

■ 21.3939, 12.8493,
81.4743

■ 18.4225, 9.4120,
80.9674

■ 16.5391, 7.3121,
80.6614

■ 15.5624, 6.2956,
80.5166

■ 15.4964, 6.2228,
80.5061

Harmonies

Analogous

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



51.8179, 55.4158, 90.8389



56.6414, 55.4158, 87.8318



60.6081, 55.4158, 77.0287

Triad

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



56.6414, 55.4158, 87.8318



58.2153, 55.4158, 41.1542



43.9654, 55.4158, 57.9149

Complementary

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



56.6414, 55.4158, 87.8318



73.7321, 81.8680, 61.7876

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.



45.4591, 55.4158, 46.2519



56.6414, 55.4158, 87.8318



53.5335, 55.4158, 37.5665

Square

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



56.6414, 55.4158, 87.8318



61.5550, 55.4158, 49.9083



48.8907, 55.4158, 39.2798



44.6859, 55.4158, 72.1290

Rectangle

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



56.6414, 55.4158, 87.8318



62.1327, 55.4158, 67.6255



48.8907, 55.4158, 39.2798



44.2223, 55.4158, 53.5945

Sweetspot

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



56.6431, 55.4181, 87.8330



85.3018, 88.0151, 107.1005



66.6627, 76.5959, 91.3927



18.0409, 18.5720, 22.8839



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.



56.6431, 55.4181, 87.8330



61.7574, 59.1729, 102.7743



62.6786, 58.5295, 88.1155



14.3241, 14.5968, 18.9848



8.4981, 3.4169, 43.9546



0.7000, 0.2852, 3.4530

Inverse Universe

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



68.6277, 61.6466, 86.1260



78.4861, 67.8688, 100.3062



67.0238, 78.4097, 61.4737



15.6690, 15.2954, 18.8080



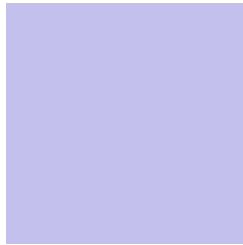
26.2279, 12.6939, 38.5971



2.0726, 1.0020, 3.0997

Previews

White Background



This preview shows how the XYZ color 56.6414, 55.4158, 87.8318 looks on a white background.

Color Contrast Check

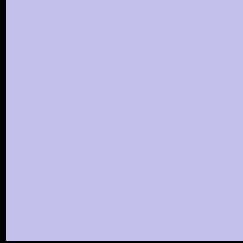
Large Text (above 18pt) WCAG AA × Fail

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 56.6414, 55.4158, 87.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

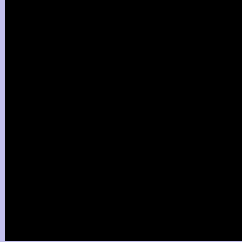
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6414, 55.4158, 87.8318

Background



This preview shows how black text looks on a background with the XYZ color 56.6414, 55.4158, 87.8318.



This preview shows how white text looks on a background with the XYZ color 56.6414, 55.4158,

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

56.6414, 55.4158, 87.8318

Protanopia

55.1215, 55.2547, 89.4214

Deuteranopia

56.6414, 55.4158, 87.8318



Tritanopia

53.1095, 55.3097, 70.1640

Trichromacy



Original Color

56.6414, 55.4158, 87.8318

Protanomaly

55.4888, 55.1318, 88.6058

Deuteranomaly

56.6414, 55.4158, 87.8318

Tritanomaly

54.3045, 55.4571, 76.2488

Monochromacy



Original Color

56.6414, 55.4158, 87.8318

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.6496, 56.1036, 70.2361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6414, 55.4158, 87.8318 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(195, 192, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 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(195, 192, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.6414, 55.4158, 87.8318 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(195, 192, 237) }
```


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

```
.border{ border-color:rgb(195, 192, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6414, 55.4158, 87.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 237) }
```

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

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