

Converting Colors

XYZ(28.7832, 25.3512, 60.5105)

Have a look what the booklet for
XYZ(28.7832, 25.3512, 60.5105)
contains.

XYZ(28.8734, 25.4758, 60.5223)	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(28.8734, 25.4758,
60.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	8782CC
RGB	135, 130, 204
RGB Percent	53%, 51%, 80%
CMY	0.4706, 0.4902, 0.2000
CMYK	0.34, 0.36, 0.00, 0.20
HSL	244°, 42%, 65%
HSV	244°, 36%, 80%
XYZ	28.8734, 25.4758, 60.5223
YIQ	139.9310, -20.7740, 24.0740

Conversions

Conversions Part 2

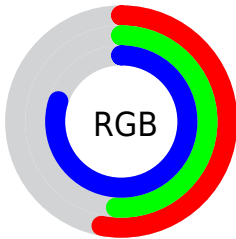
Format	Color
RYB	135, 130, 204
Decimal	8880844
CIELab	57.54, 19.15, -37.66
CIELCh	58, 42.246, 296.956
Yxy	25.4758, 0.2514, 0.2218
Android (android.graphics.Color)	4287070924 (0xFF8782CC)
YUV	139.9310, 31.5860, -4.3245
Hunter-Lab	50.4736, 13.7822, -35.7625

Details

The XYZ color **28.8734, 25.4758, 60.5223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.1757, 56.9400, 29.5187**, and the grayscale version is **24.7883, 26.0792, 28.4003**.

A 20% lighter version of the original color is **56.2187, 52.0341, 101.6883**, and **11.8469, 9.8486, 29.7103** is the 20% darker color. If you saturate the color by 10%, you get **23.6323, 19.1377, 59.5756**, and if you desaturate by 10%, it is **35.2010, 33.1735, 61.6751**.

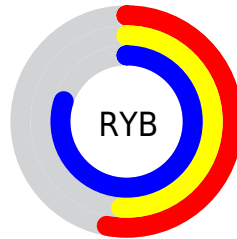
Distribution



Red (53%)

Green (51%)

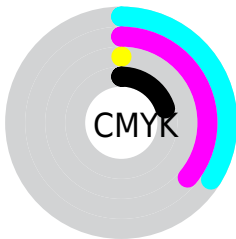
Blue (80%)



Red (53%)

Yellow (51%)

Blue (80%)

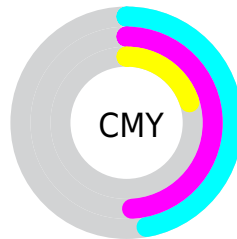


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (49%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8734, 25.4758, 60.5223 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 28.8734, 25.4758, 60.5223 by changing the saturation by 10% instead.

■ 28.8734, 25.4758,
60.5223

■ 28.8734, 25.4758,
60.5223

288.6221,
280.1992, 444.3783

■ 19.1289, 16.4319,
43.4117

■ 57.2748, 52.4281,
107.1377

■ 11.8680, 9.8303,
29.8745

■ 76.6625, 71.1052,
137.4797

■ 6.7254, 5.2866,
19.4921

■ 99.9951, 93.7622,
173.0691

■ 3.3358, 2.4164,
11.8460

127.6383,
120.7835, 214.3247

■ 1.3337, 0.8343,
6.5176

159.9572,
152.5535, 261.6648

■ 0.2082, 0.0000,
3.0885

197.3172,

■ 0.0000, 0.0000,

189.4565, 315.5081

1.1400

240.0838,
231.8769, 376.2731

■ 0.0000, 0.0000,
0.0000

■ 28.8734, 25.4758,
60.5223

■ 28.8734, 25.4758,
60.5223

■ 23.6323, 19.1377,
59.5756

■ 35.2010, 33.1735,
61.6751

■ 19.4139, 14.0774,
58.8212

■ 42.6686, 42.3005,
63.0432

■ 16.1520, 10.2087,
58.2464

■ 51.3296, 52.9251,
64.6374

■ 13.7714, 7.4339,
57.8363

■ 61.2330, 65.1104,
66.4675

■ 12.1855, 5.6393,
57.5735

■ 72.4253, 78.9159,
68.5423

■ 11.2883, 4.6828,
57.4361

■ 84.9503, 94.3979,
70.8705

■ 11.0770, 4.4513,
57.4026

■ 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



23.7035, 25.4758, 65.6634



28.8734, 25.4758, 60.5223



33.2705, 25.4758, 45.7722

Triad

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



28.8734, 25.4758, 60.5223



29.8864, 25.4758, 10.3831



15.7754, 25.4758, 26.2923

Complementary

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



28.8734, 25.4758, 60.5223



49.1757, 56.9400, 29.5187

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.



16.9710, 25.4758, 15.1997



28.8734, 25.4758, 60.5223



24.7318, 25.4758, 8.2409

Square

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



28.8734, 25.4758, 60.5223



33.9099, 25.4758, 16.9723



20.0849, 25.4758, 9.6370



16.5686, 25.4758, 42.3025

Rectangle

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



28.8734, 25.4758, 60.5223



34.9239, 25.4758, 34.4796



20.0849, 25.4758, 9.6370



15.9535, 25.4758, 21.9394

Sweetspot

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



28.8743, 25.4768, 60.5229



77.7692, 78.7634, 105.7117



40.5445, 49.9836, 64.6381



16.2275, 16.3456, 22.5497



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.



28.8743, 25.4768, 60.5229



40.4906, 33.3253, 98.9061



35.8811, 29.0889, 60.8508



10.6708, 10.8796, 14.1079



7.0007, 2.8165, 36.1309



0.3863, 0.1582, 1.8651

Inverse Universe

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



43.1939, 32.9270, 58.1119



67.8855, 47.5862, 93.9413



40.5367, 52.4864, 29.1144



11.6536, 11.3902, 13.9762



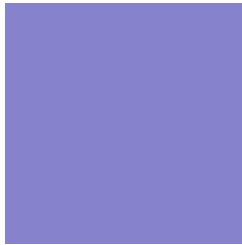
21.5521, 10.4314, 31.6898



1.1219, 0.5422, 1.6879

Previews

White Background



This preview shows how the XYZ color 28.8734, 25.4758, 60.5223 looks on a white background.

Color Contrast Check

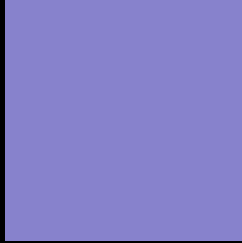
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8734, 25.4758, 60.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

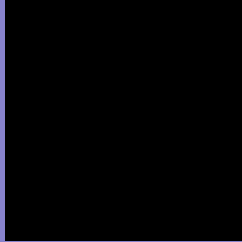
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8734, 25.4758, 60.5223

Background



This preview shows how black text looks on a background with the XYZ color 28.8734, 25.4758, 60.5223.



This preview shows how white text looks on a background with the XYZ color 28.8734, 25.4758,

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

28.8734, 25.4758, 60.5223

Protanopia

27.1228, 25.7225, 63.8570

Deuteranopia

26.1619, 25.5351, 59.4270



Tritanopia

23.5046, 25.6018, 33.4086

Trichromacy



Original Color

28.8734, 25.4758, 60.5223

Protanomaly

27.6727, 25.6201, 62.5182

Deuteranomaly

27.0503, 25.3551, 59.9682

Tritanomaly

25.1984, 25.4208, 42.1067

Monochromacy



Original Color

28.8734, 25.4758, 60.5223

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8963, 25.6559, 38.2375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8734, 25.4758, 60.5223 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(135, 130, 204)` looks like.

```
.text, #text, p{  
    color:rgb(135, 130, 204)  
}
```

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(135, 130, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 130, 204) }
```

Border

The CSS property to change the border of an element to XYZ 28.8734, 25.4758, 60.5223 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(135, 130, 204) }
```


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

```
.border{ border-color:rgb(135, 130, 204) }
```

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

Here you see how a box with a 4 pixel rgb(135, 130, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 130, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 130, 204);  
box-shadow:4px 4px 4px 4px rgb(135, 130,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8734, 25.4758, 60.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 130, 204) }
```

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

```
.background{ background-color: rgb(135,  
130, 204) }
```

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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