

Converting Colors

XYZ(28.6913, 25.6039, 58.9662)

Have a look what the booklet for
XYZ(28.6913, 25.6039, 58.9662)
contains.

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Color

**XYZ(28.6506, 25.6005,
58.6897)**

Conversions

Conversions Part 1

Format	Color
Hex	8783C9
RGB	135, 131, 201
RGB Percent	53%, 51%, 79%
CMY	0.4706, 0.4863, 0.2118
CMYK	0.33, 0.35, 0.00, 0.21
HSL	243°, 39%, 65%
HSV	243°, 35%, 79%
XYZ	28.6506, 25.6005, 58.6897
YIQ	140.1760, -20.0860, 22.6180

Conversions

Conversions Part 2

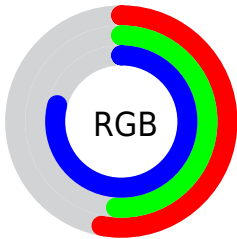
Format	Color
RYB	135, 131, 201
Decimal	8881097
CIELab	57.66, 17.77, -35.77
CIELCh	58, 39.942, 296.412
Yxy	25.6005, 0.2537, 0.2267
Android (android.graphics.Color)	4287071177 (0xFF8783C9)
YUV	140.1760, 29.9862, -4.5394
Hunter-Lab	50.5969, 12.5313, -33.3553

Details

The XYZ color **28.6506, 25.6005, 58.6897** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.0097, 55.2827, 29.6138**, and the grayscale version is **24.8890, 26.1852, 28.5157**.

A 20% lighter version of the original color is **56.4257, 52.4481, 101.7573**, and **11.7634, 9.9350, 28.9014** is the 20% darker color. If you saturate the color by 10%, you get **23.4259, 19.2812, 57.7458**, and if you desaturate by 10%, it is **34.9436, 33.2488, 59.8348**.

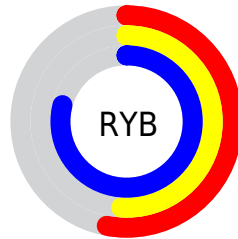
Distribution



Red (53%)

Green (51%)

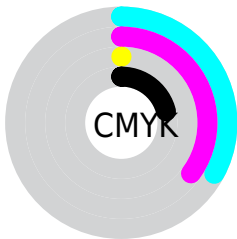
Blue (79%)



Red (53%)

Yellow (51%)

Blue (79%)

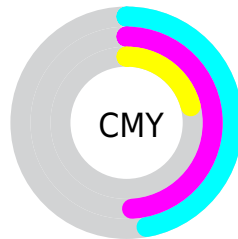


Cyan (33%)

Magenta (35%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (49%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6506, 25.6005, 58.6897 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 28.6506, 25.6005, 58.6897 by changing the saturation by 10% instead.

■ 28.6506, 25.6005,
58.6897

■ 28.6506, 25.6005,
58.6897

287.5868,
280.8154, 437.4208

■ 18.9596, 16.5250,
41.9450

■ 56.9229, 52.6297,
104.4512

■ 11.7449, 9.8964,
28.7330

■ 76.2349, 71.3523,
134.3051

■ 6.6412, 5.3303,
18.6351

■ 99.4847, 94.0593,
169.3659

■ 3.2831, 2.4424,
11.2328

127.0375,
121.1352, 210.0520

■ 1.3052, 0.8476,
6.1075

159.2588,
152.9644, 256.7820

■ 0.1871, 0.0000,
2.8407

196.5139,

■ 0.0000, 0.0000,

189.9312, 309.9744

1.0139

239.1681,
232.4201, 370.0479

■ 0.0000, 0.0000,
0.0000

■ 28.6506, 25.6005,
58.6897

■ 28.6506, 25.6005,
58.6897

■ 23.4259, 19.2812,
57.7458

■ 34.9436, 33.2488,
59.8348

■ 19.2074, 14.2124,
56.9897

■ 42.3566, 42.2930,
61.1897

■ 15.9312, 10.3118,
56.4095

■ 50.9416, 52.7986,
62.7651

■ 13.5246, 7.4860,
55.9909

■ 60.7462, 64.8265,
64.5699

■ 11.9045, 5.6273,
55.7176

■ 71.8155, 78.4340,
66.6130

■ 10.9712, 4.6056,
55.5695

■ 84.1924, 93.6753,
68.9025

■ 10.6873, 4.2916,
55.5239

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



23.7623, 25.6005, 63.2273



28.6506, 25.6005, 58.6897



32.8128, 25.6005, 45.1038

Triad

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



28.6506, 25.6005, 58.6897



29.7749, 25.6005, 11.2036



16.2694, 25.6005, 26.2609

Complementary

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



28.6506, 25.6005, 58.6897



48.0097, 55.2827, 29.6138

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.



17.4558, 25.6005, 15.7090



28.6506, 25.6005, 58.6897



24.9117, 25.6005, 9.0023

Square

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



28.6506, 25.6005, 58.6897



33.5193, 25.6005, 17.7354



20.4717, 25.6005, 10.3309



16.9993, 25.6005, 41.2875

Rectangle

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



28.6506, 25.6005, 58.6897



34.3954, 25.6005, 34.5217



20.4717, 25.6005, 10.3309



16.4529, 25.6005, 22.1407

Sweetspot

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



28.6515, 25.6015, 58.6903



79.1491, 80.5176, 105.9776



39.9833, 49.2029, 62.6486



16.4993, 16.6936, 22.6025



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.



28.6515, 25.6015, 58.6903



41.9547, 35.2406, 99.1986



35.1293, 28.9409, 58.9935



10.1119, 10.3159, 13.3757



6.7456, 2.7117, 34.9122



0.3394, 0.1387, 1.6540

Inverse Universe

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



42.2823, 32.6821, 56.9030



68.8942, 49.2404, 95.3965



39.9861, 51.1464, 29.2383



11.0559, 10.8058, 13.2777



20.9673, 10.1365, 31.3675



1.0010, 0.4832, 1.5283

Previews

White Background



This preview shows how the XYZ color 28.6506, 25.6005, 58.6897 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 28.6506, 25.6005, 58.6897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

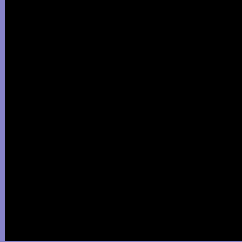
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6506, 25.6005, 58.6897

Background



This preview shows how black text looks on a background with the XYZ color 28.6506, 25.6005, 58.6897.



This preview shows how white text looks on a background with the XYZ color 28.6506, 25.6005,

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

28.6506, 25.6005, 58.6897

Protanopia

26.8938, 25.6609, 61.2932

Deuteranopia

26.3104, 25.6389, 58.2057



Tritanopia

23.5046, 25.6018, 33.4086

Trichromacy



Original Color

28.6506, 25.6005, 58.6897

Protanomaly

27.4502, 25.5474, 60.6111

Deuteranomaly

27.1153, 25.6357, 58.1626

Tritanomaly

25.1034, 25.3828, 41.6065

Monochromacy



Original Color

28.6506, 25.6005, 58.6897

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9485, 25.9032, 37.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6506, 25.6005, 58.6897 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, 131, 201)` looks like.

```
.text, #text, p{  
    color:rgb(135, 131, 201)  
}
```

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, 131, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 131, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.6506, 25.6005, 58.6897 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, 131, 201) }
```


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

```
.border{ border-color:rgb(135, 131, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 131, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 131, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 131, 201);  
box-shadow:4px 4px 4px 4px rgb(135, 131,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6506, 25.6005, 58.6897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 131, 201) }
```

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

```
.background{ background-color: rgb(135,  
131, 201) }
```

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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