

Converting Colors

XYZ(28.3888, 25.5686, 63.1135)

Have a look what the booklet for
XYZ(28.3888, 25.5686, 63.1135)
contains.

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Color

**XYZ(28.3888, 25.5686,
63.1135)**

Conversions

Conversions Part 1

Format	Color
Hex	7F84D0
RGB	127, 132, 208
RGB Percent	50%, 52%, 82%
CMY	0.5019, 0.4823, 0.1843
CMYK	0.39, 0.37, 0.00, 0.18
HSL	236°, 46%, 66%
HSV	236°, 39%, 82%
XYZ	28.3888, 25.5686, 63.1135
YIQ	139.1690, -27.3760, 22.5760

Conversions

Conversions Part 2

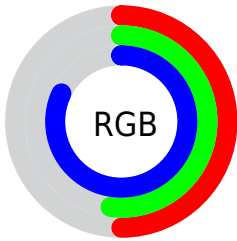
Format	Color
RYB	127, 132, 208
Decimal	8357072
CIELab	57.63, 16.88, -39.82
CIELCh	58, 43.245, 292.968
Yxy	25.5686, 0.2425, 0.2184
Android (android.graphics.Color)	4286547152 (0xFF7F84D0)
YUV	139.1690, 33.9337, -10.6722
Hunter-Lab	50.5654, 11.7253, -38.6074

Details

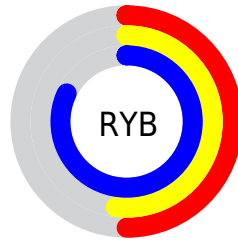
The XYZ color **28.3888, 25.5686, 63.1135** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **51.2000, 57.6551, 28.5099**, and the grayscale version is **24.4874, 25.7626, 28.0555**.

A 20% lighter version of the original color is **54.6904, 51.8630, 101.7358**, and **11.5907, 9.9029, 31.4375** is the 20% darker color. If you saturate the color by 10%, you get **23.2012, 19.3266, 62.1826**, and if you desaturate by 10%, it is **34.7127, 33.1322, 64.2406**.

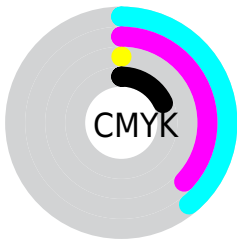
Distribution



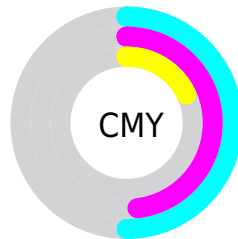
- Red (50%)
- Green (52%)
- Blue (82%)



- Red (50%)
- Yellow (52%)
- Blue (82%)



- Cyan (39%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (48%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3888, 25.5686, 63.1135 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 28.3888, 25.5686, 63.1135 by changing the saturation by 10% instead.

■ 28.3888, 25.5686,
63.1135

■ 28.3888, 25.5686,
63.1135

286.3666,
280.6579, 454.1006

■ 18.7609, 16.5012,
45.4914

■ 56.5089, 52.5782,
110.9204

■ 11.6006, 9.8795,
31.4989

■ 75.7318, 71.2891,
141.9423

■ 6.5426, 5.3191,
20.7174

■ 98.8838, 93.9834,
178.2679

■ 3.2215, 2.4357,
12.7284

126.3301,
121.0453, 220.3158

■ 1.2720, 0.8442,
7.1133

158.4362,
152.8593, 268.5045

■ 0.1621, 0.0000,
3.4535

195.5674,

■ 0.0000, 0.0000,

189.8098, 323.2525

1.3306

238.0891,
232.2812, 384.9783

■ 0.0000, 0.0000,
0.0867

■ 0.0000, 0.0000,
0.0000

■ 28.3888, 25.5686,
63.1135

■ 28.3888, 25.5686,
63.1135

■ 23.2012, 19.3266,
62.1826

■ 34.7127, 33.1322,
64.2406

■ 19.0800, 14.3277,
61.4349

■ 42.2320, 42.0844,
65.5722

■ 15.9515, 10.4893,
60.8589

■ 51.0049, 52.4908,
67.1185

■ 13.7318, 7.7177,
60.4409

■ 61.0850, 64.4123,
68.8883

■ 12.3228, 5.9045,
60.1652

■ 72.5227, 77.9061,
70.8900

■ 11.5823, 4.9073,
60.0117

■ 85.3659, 93.0264,
73.1316

■ 11.5271, 4.8378,
60.0012

■ 88.3853, 97.3341,
73.8040

Harmonies

Analogous

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



23.1061, 25.5686, 66.7028



28.3888, 25.5686, 63.1135



33.1273, 25.5686, 48.7323

Triad

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



28.3888, 25.5686, 63.1135



30.7901, 25.5686, 10.7432



15.7154, 25.5686, 24.4999

Complementary

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



28.3888, 25.5686, 63.1135



51.2000, 57.6551, 28.5099

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.



17.2026, 25.5686, 13.9792



28.3888, 25.5686, 63.1135



25.5388, 25.5686, 8.0727

Square

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



28.3888, 25.5686, 63.1135



34.6452, 25.5686, 18.1476



20.6279, 25.5686, 9.0006



16.2545, 25.5686, 40.4841

Rectangle

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



28.3888, 25.5686, 63.1135



35.0929, 25.5686, 37.0331



20.6279, 25.5686, 9.0006



15.9869, 25.5686, 20.3098

Sweetspot

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



28.3897, 25.5695, 63.1141



76.1895, 77.6811, 105.5861



42.0409, 53.9172, 64.4422



15.9078, 16.1527, 22.5293



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.



28.3897, 25.5695, 63.1141



37.8204, 31.8925, 98.7703



33.8961, 27.4258, 63.1822



11.2214, 11.5331, 14.8783



7.2086, 3.0639, 37.4039



0.4241, 0.2134, 2.0984

Inverse Universe

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



37.7675, 30.2556, 25.6800



54.8486, 40.5993, 30.7526



43.5989, 55.5176, 28.4979



11.8379, 11.8199, 12.4222



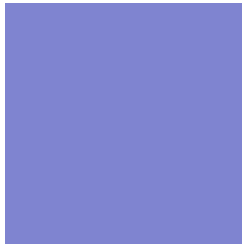
16.2693, 8.3806, 1.0584



0.9203, 0.4728, 0.1151

Previews

White Background



This preview shows how the XYZ color 28.3888, 25.5686, 63.1135 looks on a white background.

Color Contrast Check

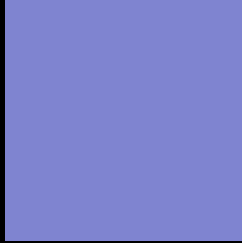
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3888, 25.5686, 63.1135 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 28.3888, 25.5686, 63.1135

Background



This preview shows how black text looks on a background with the XYZ color 28.3888, 25.5686, 63.1135.



This preview shows how white text looks on a background with the XYZ color 28.3888, 25.5686,

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

28.3888, 25.5686, 63.1135

Protanopia

27.1176, 25.6910, 65.1576

Deuteranopia

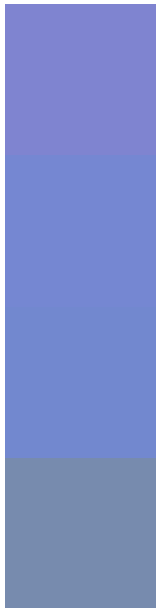
26.4144, 25.8078, 62.6207



Tritanopia

22.5946, 25.5554, 34.3137

Trichromacy



Original Color

28.3888, 25.5686, 63.1135

Protanomaly

27.6329, 25.7630, 64.4891

Deuteranomaly

27.0061, 25.6907, 62.5669

Tritanomaly

24.4803, 25.4432, 43.6652

Monochromacy



Original Color

28.3888, 25.5686, 63.1135

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4967, 25.4396, 38.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3888, 25.5686, 63.1135 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(127, 132, 208)` looks like.

```
.text, #text, p{  
    color:rgb(127, 132, 208)  
}
```

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(127, 132, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 132, 208) }
```

Border

The CSS property to change the border of an element to XYZ 28.3888, 25.5686, 63.1135 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(127, 132, 208) }
```


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

```
.border{ border-color:rgb(127, 132, 208) }
```

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

Here you see how a box with a 4 pixel rgb(127, 132, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 132, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 132, 208);  
box-shadow:4px 4px 4px 4px rgb(127, 132,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3888, 25.5686, 63.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 132, 208) }
```

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

```
.background{ background-color: rgb(127,  
132, 208) }
```

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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