

Converting Colors

XYZ(27.5841, 25.7213, 60.6378)

Have a look what the booklet for
XYZ(27.5841, 25.7213, 60.6378)
contains.

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Color

**XYZ(27.5891, 25.8252,
60.6574)**

Conversions

Conversions Part 1

Format	Color
Hex	7A87CC
RGB	122, 135, 204
RGB Percent	48%, 53%, 80%
CMY	0.5216, 0.4706, 0.2000
CMYK	0.40, 0.34, 0.00, 0.20
HSL	230°, 45%, 64%
HSV	230°, 40%, 80%
XYZ	27.5891, 25.8252, 60.6574
YIQ	138.9790, -29.8970, 18.7030

Conversions

Conversions Part 2

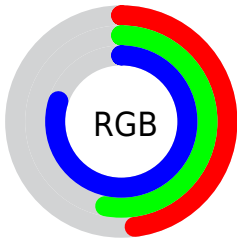
Format	Color
R_{YB}	122, 133, 204
Decimal	8030156
CIE _{Lab}	57.87, 12.65, -37.20
CIE _{LCh}	58, 39.293, 288.778
Yxy	25.8252, 0.2419, 0.2264
Android (android.graphics.Color)	4286220236 (0xFF7A87CC)
YUV	138.9790, 32.0554, -14.8906
Hunter-Lab	50.8185, 7.9743, -35.1961

Details

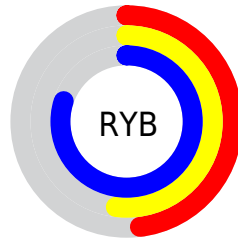
The XYZ color **27.5891, 25.8252, 60.6574** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0463, 51.5050, 25.8753**, and the grayscale version is **24.4221, 25.6940, 27.9808**.

A 20% lighter version of the original color is **54.1647, 52.5336, 101.8929**, and **11.1365, 10.0544, 29.7875** is the 20% darker color. If you saturate the color by 10%, you get **22.7930, 20.0797, 59.8017**, and if you desaturate by 10%, it is **33.3795, 32.6575, 61.6715**.

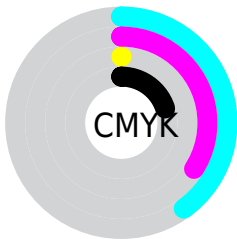
Distribution



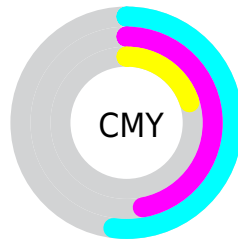
- Red (48%)
- Green (53%)
- Blue (80%)



- Red (48%)
- Yellow (52%)
- Blue (80%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5891, 25.8252, 60.6574 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 27.5891, 25.8252, 60.6574 by changing the saturation by 10% instead.

■ 27.5891, 25.8252,
60.6574

■ 27.5891, 25.8252,
60.6574

282.6141,
281.9229, 444.8884

■ 18.1550, 16.6929,
43.5200

■ 55.2410, 52.9928,
107.3354

■ 11.1617, 10.0158,
29.9589

■ 74.1895, 71.7969,
137.7131

■ 6.2438, 5.4094,
19.5556

■ 97.0402, 94.5938,
173.3412

■ 3.0359, 2.4894,
11.8916

124.1585,
121.7678, 214.6384

■ 1.1728, 0.8713,
6.5482

155.9096,
153.7033, 262.0232

■ 0.0847, 0.0000,
3.1071

192.6590,

■ 0.0000, 0.0000,

190.7847, 315.9141

1.1496

234.7721,
233.3965, 376.7297

■ 0.0000, 0.0000,
0.0000

■ 27.5891, 25.8252,
60.6574

■ 27.5891, 25.8252,
60.6574

■ 22.7930, 20.0797,
59.8017

■ 33.3795, 32.6575,
61.6715

■ 18.9317, 15.3615,
59.0945

■ 40.2135, 40.6261,
62.8494

■ 15.9435, 11.6095,
58.5278

■ 48.1407, 49.7811,
64.1986

■ 13.7580, 8.7550,
58.0920

■ 57.2063, 60.1686,
65.7258

■ 12.2933, 6.7195,
57.7763

■ 67.4531, 71.8322,
67.4371

■ 11.4249, 5.4111,
57.5695

■ 78.9219, 84.8134,
69.3382

■ 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.



22.8197, 25.8252, 62.1516



27.5891, 25.8252, 60.6574



32.0353, 25.8252, 48.9924

Triad

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



27.5891, 25.8252, 60.6574



31.0346, 25.8252, 12.7350



16.6679, 25.8252, 23.3525

Complementary

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



27.5891, 25.8252, 60.6574



47.0463, 51.5050, 25.8753

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.



18.3257, 25.8252, 14.2195



27.5891, 25.8252, 60.6574



26.3573, 25.8252, 9.5372

Square

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



27.5891, 25.8252, 60.6574



34.1941, 25.8252, 20.5460



21.7355, 25.8252, 9.9755



16.9085, 25.8252, 37.3566

Rectangle

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



27.5891, 25.8252, 60.6574



34.0290, 25.8252, 38.6311



21.7355, 25.8252, 9.9755



17.0121, 25.8252, 19.7115

Sweetspot

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



27.5900, 25.8262, 60.6580



77.0034, 79.3089, 105.8574



38.9505, 51.0563, 56.7091



16.0976, 16.5325, 22.5926



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.



27.5900, 25.8262, 60.6580



38.8887, 34.6319, 99.2427



30.3149, 24.7008, 60.2972



10.7430, 11.1264, 14.1518



7.2356, 3.4951, 36.2495



0.4197, 0.2732, 1.8856

Inverse Universe

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



36.2354, 28.5067, 26.5152



55.2407, 40.1929, 34.5541



43.1621, 53.8995, 26.5422



11.2836, 11.2422, 12.0283



15.8631, 8.1558, 1.7317



0.8418, 0.4301, 0.2128

Previews

White Background



This preview shows how the XYZ color 27.5891, 25.8252, 60.6574 looks on a white background.

Color Contrast Check

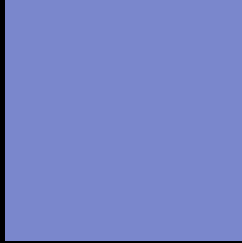
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5891, 25.8252, 60.6574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

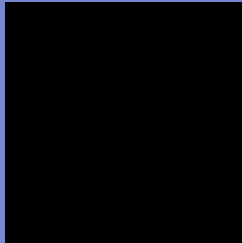
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5891, 25.8252, 60.6574

Background



This preview shows how black text looks on a background with the XYZ color 27.5891, 25.8252, 60.6574.

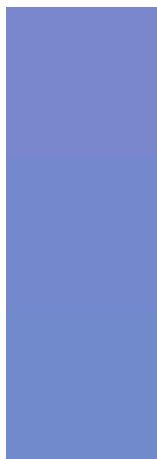


This preview shows how white text looks on a background with the XYZ color 27.5891, 25.8252,

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

27.5891, 25.8252, 60.6574

Protanopia

27.0261, 25.7291, 61.2994

Deuteranopia

26.5501, 25.9335, 60.1062



Tritanopia

22.5566, 25.9661, 35.2756

Trichromacy



Original Color

27.5891, 25.8252, 60.6574

Protanomaly

27.2948, 25.8676, 61.3120

Deuteranomaly

26.9276, 25.9161, 60.0830

Tritanomaly

24.0071, 25.6443, 43.2197

Monochromacy



Original Color

27.5891, 25.8252, 60.6574

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3722, 25.8078, 38.2945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5891, 25.8252, 60.6574 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(122, 135, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 135, 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(122, 135, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 135, 204) }
```

Border

The CSS property to change the border of an element to XYZ 27.5891, 25.8252, 60.6574 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(122, 135, 204) }
```


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

```
.border{ border-color:rgb(122, 135, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 135, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 135, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 135, 204);  
box-shadow:4px 4px 4px 4px rgb(122, 135,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5891, 25.8252, 60.6574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 135, 204) }
```

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

```
.background{ background-color: rgb(122,  
135, 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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