Converting Colors

XYZ(25.5657, 25.3130, 65.1665)

Have a look what the booklet for XYZ(25.5657, 25.3130, 65.1665) contains.

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Color

XYZ(25.5657, 25.3130, 65.1665)

Conversions

Conversions Part 1

Format	Color
Hex	5F8AD3
RGB	95, 138, 211
RGB Percent	37%, 54%, 83%
CMY	0.6274, 0.4588, 0.1725
CMYK	0.55, 0.35, 0.00, 0.17
HSL	218°, 57%, 60%
HSV	218°, 55%, 83%
XYZ	25.5657, 25.3130, 65.1665
YIQ	133.4650, -49.0610, 13.5870

Conversions

Conversions Part 2

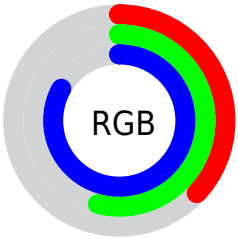
Format	Color
RYB	95, 126, 211
Decimal	6261459
CIELab	57.38, 6.47, -42.03
CIELCh	57, 42.525, 278.749
Yxy	25.3130, 0.2203, 0.2181
Android (android.graphics.Color)	4284451539 (0xFF5F8AD3)
YUV	133.4650, 38.2248, -33.7338
Hunter-Lab	50.3120, 2.6575, -41.5768

Details

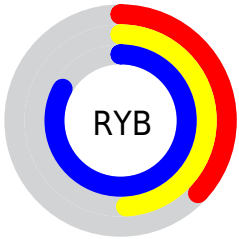
The XYZ color 25.5657, 25.3130, 65.1665 is a dark color, and the websafe version is hex 6699CC. The color can be described as middle muted azure. A complement of this color would be 42.9336, 42.6825, 16.8036, and the grayscale version is 22.3424, 23.5060, 25.5980.

A 20% lighter version of the original color is 49.6297, 51.1570, 101.8663, and 10.1085, 9.8211, 32.8154 is the 20% darker color. If you saturate the color by 10%, you get 21.8734, 20.7525, 64.4813, and if you desaturate by 10%, it is 30.0864, 30.6472, 65.9583.

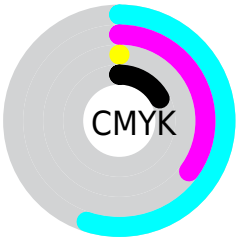
Distribution



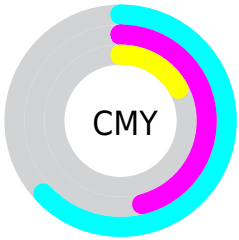
- Red (37%)
- Green (54%)
- Blue (83%)



- Red (37%)
- Yellow (49%)
- Blue (83%)



- Cyan (55%)
- Magenta (35%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (46%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5657, 25.3130, 65.1665 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 25.5657, 25.3130, 65.1665 by changing the saturation by 10% instead.

25.5657, 25.3130, 65.1665

25.5657, 25.3130, 65.1665

272.9395, 279.3931, 461.7126

16.6300, 16.3104, 47.1439

52.0098, 52.1645, 113.9048

10.0647, 9.7441, 32.7943

70.2489, 70.7823, 145.4575

5.5045, 5.2296, 21.6991

92.3198, 93.3739, 182.3574

2.5840, 2.3826, 13.4397

118.5879, 120.3237, 225.0229

0.9378, 0.8169, 7.5978

149.4186, 152.0161, 273.8727

0.0000, 0.0000, 3.7546

185.1772,

0.0000, 0.0000,

188.8356, 329.3252

1.4917

226.2291, 231.1664, 391.7990

0.0000, 0.0000, 0.2117

0.0000, 0.0000, 0.0000

25.5657, 25.3130, 65.1665

25.5657, 25.3130, 65.1665

21.8734, 20.7525, 64.4813

30.0864, 30.6472, 65.9583

18.9490, 16.9208, 63.8959

35.4842, 36.7907, 66.8597

16.7277, 13.7719, 63.4052

41.8071, 43.7800, 67.8755

15.1304, 11.2508, 63.0027

49.0989, 51.6482, 69.0099

14.4974, 10.1821, 62.8298

57.4001, 60.4268, 70.2668

66.7491, 70.1453, 71.6499

77.1820, 80.8319, 73.1628

85.4189, 90.8050, 74.6536

88.7580, 97.4832, 75.7667

Harmonies

Analogous

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

20.7105, 25.3130, 62.4257

25.5657, 25.3130, 65.1665

30.6587, 25.3130, 55.4151

Triad

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

25.5657, 25.3130, 65.1665

32.4489, 25.3130, 13.5692

16.1009, 25.3130, 18.6655

Complementary

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

25.5657, 25.3130, 65.1665

42.9336, 42.6825, 16.8036

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.

18.4821, 25.3130, 11.0719

25.5657, 25.3130, 65.1665

27.7508, 25.3130, 8.9262

Square

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

25.5657, 25.3130, 65.1665

34.9816, 25.3130, 23.5467

22.6132, 25.3130, 8.2076

15.6860, 25.3130, 32.0087

Rectangle

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

25.5657, 25.3130, 65.1665

33.3455, 25.3130, 44.6403

22.6132, 25.3130, 8.2076

16.6801, 25.3130, 15.5113

Sweetspot

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

25.5667, 25.3139, 65.1671

73.9488, 77.7640, 105.7202

34.9466, 51.7951, 44.4904

15.3108, 16.0898, 22.5486

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.

25.5667, 25.3139, 65.1671

32.7132, 30.7532, 98.8195

22.1008, 16.1107, 63.5734

11.5175, 12.1252, 14.9770

8.8394, 6.3255, 37.9475

0.5693, 0.5038, 2.1468

Inverse Universe

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

35.5445, 23.8695, 26.7793

50.0555, 30.2005, 31.6599

48.5090, 59.3489, 19.7267

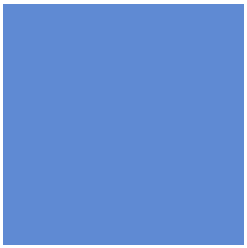
11.9873, 11.8797, 13.2091

17.0925, 8.7098, 5.3931

0.9936, 0.5022, 0.5011

Previews

White Background

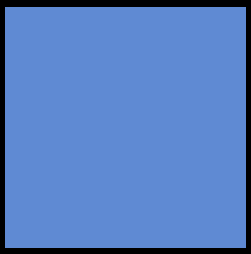


This preview shows how the XYZ color 25.5657, 25.3130, 65.1665 looks on a white background.

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 25.5657, 25.3130, 65.1665 looks on a black background.

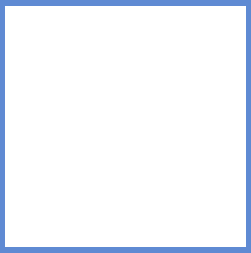
Color Contrast Check

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 25.5657, 25.3130, 65.1665 Background

This preview shows how black text looks on a background with the XYZ color 25.5657, 25.3130, 65.1665.



This preview shows how white text looks on a background with the XYZ color 25.5657, 25.3130,

65.1665.

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

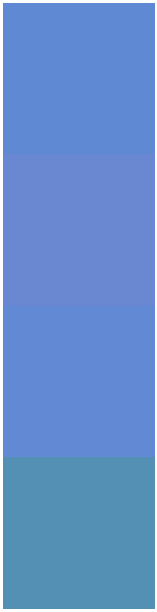
Original Color
25.5657, 25.3130, 65.1665

Protanopia
26.6047, 25.2615, 63.1483

Deuteranopia
25.9591, 25.3038, 65.1439

Tritanopia
19.9156, 25.2544, 37.0826

Trichromacy



Original Color
25.5657, 25.3130, 65.1665

Protanomaly
26.1385, 25.2150, 63.8109

Deuteranomaly
25.7405, 25.1911, 65.1337

Tritanomaly
21.6772, 25.0402, 46.3386

Monochromacy

Original Color
25.5657, 25.3130, 65.1665

Achromatopsia
22.2940, 23.4551, 25.5426

Achromatomaly
22.7047, 23.8231, 37.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5657, 25.3130, 65.1665 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(95, 138, 211) looks like.

```
.text, #text, p{
    color:rgb(95, 138, 211)
}
```

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(95, 138, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 138, 211) }
```

Border

The CSS property to change the border of an element to XYZ 25.5657, 25.3130, 65.1665 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(95, 138, 211) }
```

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

```
.border{ border-color:rgb(95, 138, 211) }
```

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

Here you see how a box with a 4 pixel rgb(95, 138, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 138, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 138, 211); box-shadow:4px 4px 4px 4px rgb(95, 138, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5657, 25.3130, 65.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(95, 138, 211) }
```

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

```
.background{ background-color:rgb(95, 138,
211) }
```

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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