

Converting Colors

XYZ(25.5418, 23.3393, 61.5513)

Have a look what the booklet for
XYZ(25.5418, 23.3393, 61.5513)
contains.

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Color

**XYZ(25.5418, 23.3393,
61.5513)**

Conversions

Conversions Part 1

Format	Color
Hex	7080CE
RGB	112, 128, 206
RGB Percent	44%, 50%, 81%
CMY	0.5608, 0.4980, 0.1922
CMYK	0.46, 0.38, 0.00, 0.19
HSL	230°, 49%, 62%
HSV	230°, 46%, 81%
XYZ	25.5418, 23.3393, 61.5513
YIQ	132.1080, -34.5740, 20.8660

Conversions

Conversions Part 2

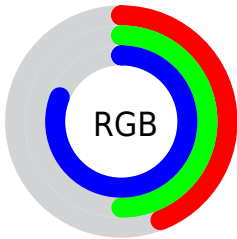
Format	Color
R_{YB}	112, 126, 206
Decimal	7373006
CIE _{Lab}	55.42, 14.81, -42.23
CIE _{LCh}	55, 44.754, 289.327
Yxy	23.3393, 0.2313, 0.2113
Android (android.graphics.Color)	4285563086 (0xFF7080CE)
YUV	132.1080, 36.4288, -17.6347
Hunter-Lab	48.3108, 9.8287, -41.7221

Details

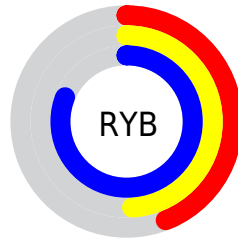
The XYZ color **25.5418, 23.3393, 61.5513** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **46.7927, 51.1199, 22.7312**, and the grayscale version is **21.8535, 22.9916, 25.0378**.

A 20% lighter version of the original color is **50.7223, 48.5926, 101.3137**, and **10.0128, 8.6671, 30.4233** is the 20% darker color. If you saturate the color by 10%, you get **21.1694, 18.0498, 60.7612**, and if you desaturate by 10%, it is **30.8912, 29.6908, 62.4958**.

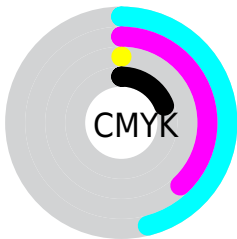
Distribution



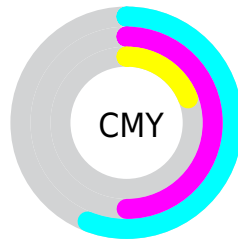
- Red (44%)
- Green (50%)
- Blue (81%)



- Red (44%)
- Yellow (49%)
- Blue (81%)



- Cyan (46%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5418, 23.3393, 61.5513 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 25.5418, 23.3393, 61.5513 by changing the saturation by 10% instead.

■ 25.5418, 23.3393,
61.5513

■ 25.5418, 23.3393,
61.5513

272.8236,
269.4629, 448.2549

■ 16.6121, 14.8442,
44.2368

■ 51.9714, 48.9499,
108.6421

■ 10.0519, 8.7101,
30.5181

■ 70.2020, 66.8342,
139.2554

■ 5.4959, 4.5526,
19.9768

■ 92.2636, 88.6170,
175.1388

■ 2.5788, 1.9872,
12.1943

118.5215,
114.6827, 216.7107

■ 0.9351, 0.6000,
6.7520

149.3411,
145.4158, 264.3897

■ 0.0000, 0.0000,
3.2314

185.0877,

■ 0.0000, 0.0000,

181.2006, 318.5944

1.2140

226.1268,
222.4215, 379.7433

■ 0.0000, 0.0000,
0.0000

■ 25.5418, 23.3393,
61.5513

■ 25.5418, 23.3393,
61.5513

■ 21.1694, 18.0498,
60.7612

■ 30.8912, 29.6908,
62.4958

■ 17.7110, 13.7608,
60.1157

■ 37.2699, 37.1561,
63.6005

■ 15.1005, 10.4082,
59.6061

■ 44.7297, 45.7866,
64.8732

■ 13.2609, 7.9190,
59.2226

■ 53.3179, 55.6297,
66.3205

■ 12.1003, 6.2083,
58.9536

■ 63.0793, 66.7302,
67.9486

■ 11.7435, 5.6619,
58.8669

■ 74.0560, 79.1305,
69.7636

■ 85.8436, 92.6420,
71.7503

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



20.4393, 23.3393, 63.5237



25.5418, 23.3393, 61.5513



30.3599, 23.3393, 48.0862

Triad

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



25.5418, 23.3393, 61.5513



29.1051, 23.3393, 9.6582



13.9694, 23.3393, 20.6186

Complementary

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



25.5418, 23.3393, 61.5513



46.7927, 51.1199, 22.7312

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.



15.6249, 23.3393, 11.2939



25.5418, 23.3393, 61.5513



24.0238, 23.3393, 6.7510

Square

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



25.5418, 23.3393, 61.5513



32.6226, 23.3393, 17.3011



19.1329, 23.3393, 7.2081



14.2489, 23.3393, 35.7300

Rectangle

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



25.5418, 23.3393, 61.5513



32.5222, 23.3393, 36.5031



19.1329, 23.3393, 7.2081



14.3068, 23.3393, 16.8321

Sweetspot

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



25.5427, 23.3401, 61.5519



74.3808, 76.3807, 105.4304



37.9142, 51.2520, 55.9065



15.3102, 15.6461, 22.4630



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.



25.5427, 23.3401, 61.5519



34.2652, 29.2034, 98.4386



28.0511, 21.7759, 61.1177



10.7535, 11.1475, 14.1553



7.2803, 3.5845, 36.2644



0.4246, 0.2829, 1.8872

Inverse Universe

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



35.1448, 26.2697, 23.6410



51.9748, 35.3175, 28.3585



42.9540, 54.5705, 23.5996



11.2889, 11.2443, 12.0562



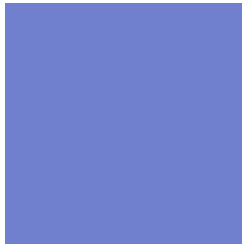
15.8857, 8.1648, 1.8506



0.8442, 0.4311, 0.2257

Previews

White Background



This preview shows how the XYZ color 25.5418, 23.3393, 61.5513 looks on a white background.

Color Contrast Check

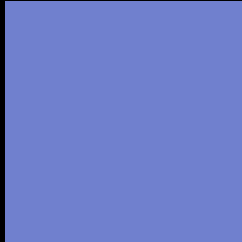
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5418, 23.3393, 61.5513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

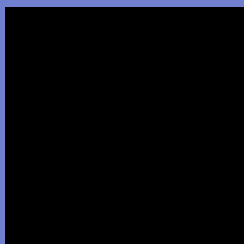
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5418, 23.3393, 61.5513

Background



This preview shows how black text looks on a background with the XYZ color 25.5418, 23.3393, 61.5513.



This preview shows how white text looks on a background with the XYZ color 25.5418, 23.3393,

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

25.5418, 23.3393, 61.5513

Protanopia

25.0767, 23.4624, 62.8815

Deuteranopia

23.9900, 23.3432, 60.9989



Tritanopia

19.7879, 23.4773, 32.7668

Trichromacy



Original Color

25.5418, 23.3393, 61.5513

Protanomaly

25.1761, 23.3313, 62.2080

Deuteranomaly

24.5026, 23.4071, 60.9842

Tritanomaly

21.6343, 23.3734, 41.8993

Monochromacy



Original Color

25.5418, 23.3393, 61.5513

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8318, 23.0958, 36.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5418, 23.3393, 61.5513 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(112, 128, 206)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 206)  
}
```

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(112, 128, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 206) }
```

Border

The CSS property to change the border of an element to XYZ 25.5418, 23.3393, 61.5513 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(112, 128, 206) }
```


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

```
.border{ border-color:rgb(112, 128, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 206);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5418, 23.3393, 61.5513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 206) }
```

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

```
.background{ background-color: rgb(112,  
128, 206) }
```

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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