

Converting Colors

XYZ(23.3887, 25.8333, 61.5934)

Have a look what the booklet for
XYZ(23.3887, 25.8333, 61.5934)
contains.

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Color

**XYZ(23.3916, 25.8168,
61.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	4291CD
RGB	66, 145, 205
RGB Percent	26%, 57%, 80%
CMY	0.7411, 0.4314, 0.1961
CMYK	0.68, 0.29, 0.00, 0.20
HSL	206°, 58%, 53%
HSV	206°, 68%, 80%
XYZ	23.3916, 25.8168, 61.5079
YIQ	128.2190, -66.3440, 1.9120

Conversions

Conversions Part 2

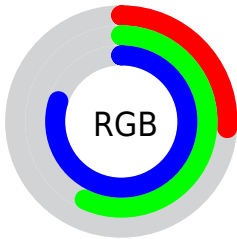
Format	Color
R_{YB}	66, 116, 205
Decimal	4362701
CIE _{Lab}	57.86, -5.04, -37.98
CIE _{LCh}	58, 38.314, 262.444
Yxy	25.8168, 0.2113, 0.2332
Android (android.graphics.Color)	4282552781 (0xFF4291CD)
YUV	128.2190, 37.8530, -54.5661
Hunter-Lab	50.8102, -6.7415, -36.2058

Details

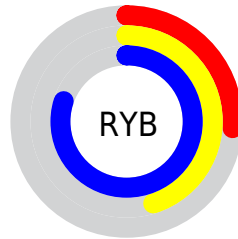
The XYZ color **23.3916, 25.8168, 61.5079** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **33.6225, 28.2963, 8.8452**, and the grayscale version is **20.4841, 21.5509, 23.4689**.

A 20% lighter version of the original color is **47.3755, 52.6560, 102.2744**, and **9.5972, 10.3864, 30.3531** is the 20% darker color. If you saturate the color by 10%, you get **20.9499, 22.6286, 61.0217**, and if you desaturate by 10%, it is **26.4353, 29.4725, 62.0536**.

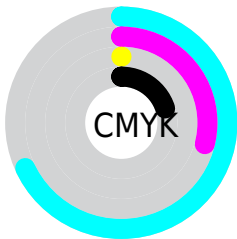
Distribution



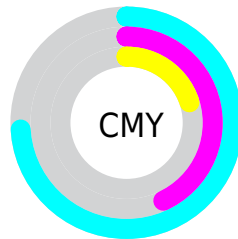
- Red (26%)
- Green (57%)
- Blue (80%)



- Red (26%)
- Yellow (45%)
- Blue (80%)



- Cyan (68%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (74%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3916, 25.8168, 61.5079 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 23.3916, 25.8168, 61.5079 by changing the saturation by 10% instead.

■ 23.3916, 25.8168,
61.5079

■ 23.3916, 25.8168,
61.5079

262.2279,
281.8816, 448.0918

■ 15.0052, 16.6866,
44.2020

■ 48.4975, 52.9793,
108.5787

■ 8.9094, 10.0113,
30.4910

■ 65.9477, 71.7803,
139.1806

■ 4.7388, 5.4065,
19.9563

■ 87.1499, 94.5738,
175.0516

■ 2.1280, 2.4877,
12.1795

■ 112.4694,
121.7442, 216.6103

■ 0.7044, 0.8705,
6.7421

■ 142.2716,
153.6757, 264.2750

■ 0.0000, 0.0000,
3.2253

176.9219,

■ 0.0000, 0.0000,

190.7529, 318.4645

1.2108

216.7855,
233.3600, 379.5973

■ 0.0000, 0.0000,
0.0000

■ 23.3916, 25.8168,
61.5079

■ 23.3916, 25.8168,
61.5079

■ 20.9499, 22.6286,
61.0217

■ 26.4353, 29.4725,
62.0536

■ 19.0492, 19.8718,
60.5898

■ 30.1280, 33.6222,
62.6600

■ 17.6080, 17.5009,
60.2081

■ 34.5149, 38.2929,
63.3303

■ 17.3236, 17.0160,
60.1295

■ 39.6358, 43.5084,
64.0671

■ 45.5276, 49.2907,
64.8727

■ 52.2244, 55.6606,
65.7492

■ 59.7583, 62.6374,
66.6988

■ 68.1593, 70.2397,
67.7234

■ 77.4561, 78.4850,
68.8249

Harmonies

Analogous

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



19.5247, 25.8168, 53.4021



23.3916, 25.8168, 61.5079



28.0781, 25.8168, 58.6843

Triad

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



23.3916, 25.8168, 61.5079



33.6704, 25.8168, 19.4937



18.1638, 25.8168, 15.3081

Complementary

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



23.3916, 25.8168, 61.5079



33.6225, 28.2963, 8.8452

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.



21.3089, 25.8168, 10.5768



23.3916, 25.8168, 61.5079



30.3436, 25.8168, 12.4125

Square

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



23.3916, 25.8168, 61.5079



34.4094, 25.8168, 31.5798



25.7215, 25.8168, 9.7145



16.7621, 25.8168, 24.9044

Rectangle

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



23.3916, 25.8168, 61.5079



31.0155, 25.8168, 51.2965



25.7215, 25.8168, 9.7145



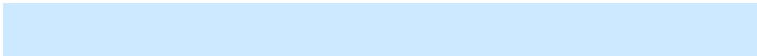
19.0319, 25.8168, 13.2368

Sweetspot

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



23.3925, 25.8177, 61.5085



72.0864, 78.3266, 105.9269



27.7120, 46.2749, 26.5143



14.8327, 16.1816, 22.5915



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.



23.3925, 25.8177, 61.5085



32.8971, 35.0730, 99.6436



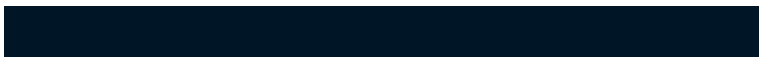
15.9623, 10.9572, 59.0318



11.1220, 11.8845, 14.2781



10.8806, 10.7851, 37.4645



0.6358, 0.7054, 1.9576

Inverse Universe

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



32.2367, 18.9211, 28.7418



49.1835, 26.1581, 38.4554



45.3232, 51.6978, 12.7454



11.4749, 11.3187, 13.0357



17.7029, 8.8918, 11.4201



0.9509, 0.4738, 0.7872

Previews

White Background



This preview shows how the XYZ color 23.3916, 25.8168, 61.5079 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 23.3916, 25.8168, 61.5079 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

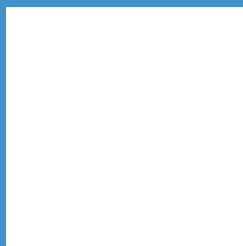
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3916, 25.8168, 61.5079

Background



This preview shows how black text looks on a background with the XYZ color 23.3916, 25.8168, 61.5079.

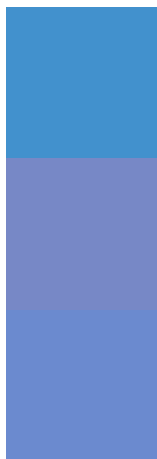


This preview shows how white text looks on a background with the XYZ color 23.3916, 25.8168,

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

23.3916, 25.8168, 61.5079

Protanopia

26.6050, 25.6075, 56.9666

Deuteranopia

26.4144, 25.8078, 62.6207



Tritanopia

19.0578, 25.9502, 39.6017

Trichromacy



Original Color

23.3916, 25.8168, 61.5079

Protanomaly

25.0308, 25.3916, 58.8401

Deuteranomaly

25.0791, 25.7813, 62.0470

Tritanomaly

20.4112, 25.7609, 47.0766

Monochromacy



Original Color

23.3916, 25.8168, 61.5079

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3515, 22.4538, 34.7139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3916, 25.8168, 61.5079 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(66, 145, 205)` looks like.

```
.text, #text, p{  
    color:rgb(66, 145, 205)  
}
```

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(66, 145, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 145, 205) }
```

Border

The CSS property to change the border of an element to XYZ 23.3916, 25.8168, 61.5079 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(66, 145, 205) }
```


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

```
.border{ border-color:rgb(66, 145, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 145, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 145, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 145, 205);  
box-shadow:4px 4px 4px 4px rgb(66, 145,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3916, 25.8168, 61.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 145, 205) }
```

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

```
.background{ background-color: rgb(66, 145,  
205) }
```

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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