

Converting Colors

XYZ(23.1343, 18.1863, 65.4762)

Have a look what the booklet for
XYZ(23.1343, 18.1863, 65.4762)
contains.

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Color

**XYZ(23.1081, 18.1763,
65.2412)**

Conversions

Conversions Part 1	
Format	Color
Hex	6A6AD5
RGB	106, 106, 213
RGB Percent	42%, 42%, 84%
CMY	0.5843, 0.5843, 0.1647
CMYK	0.50, 0.50, 0.00, 0.16
HSL	240°, 56%, 63%
HSV	240°, 50%, 84%
XYZ	23.1081, 18.1763, 65.2412
YIQ	118.1980, -34.3470, 33.2770

Conversions

Conversions Part 2

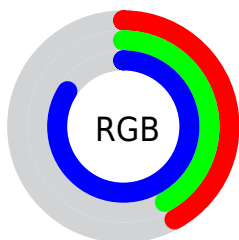
Format	Color
RYB	106, 106, 213
Decimal	6974165
CIELab	49.71, 28.84, -55.32
CIELCh	50, 62.383, 297.532
Yxy	18.1763, 0.2169, 0.1706
Android (android.graphics.Color)	4285164245 (0xFF6A6AD5)
YUV	118.1980, 46.7374, -10.6976
Hunter-Lab	42.6337, 22.1408, -60.8864

Details

The XYZ color **23.1081, 18.1763, 65.2412** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **53.8356, 62.7751, 22.9153**, and the grayscale version is **17.1484, 18.0415, 19.6472**.

A 20% lighter version of the original color is **45.2112, 39.1205, 99.7759**, and **8.7320, 6.1201, 32.6194** is the 20% darker color. If you saturate the color by 10%, you get **18.9550, 13.1717, 64.4945**, and if you desaturate by 10%, it is **28.4364, 24.5962, 66.1999**.

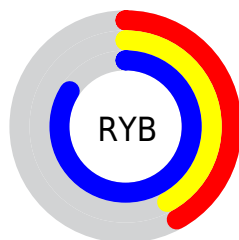
Distribution



Red (42%)

Green (42%)

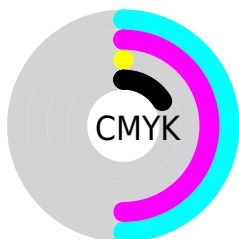
Blue (84%)



Red (42%)

Yellow (42%)

Blue (84%)

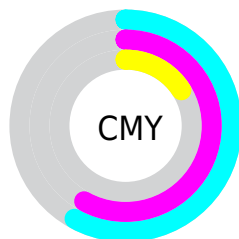


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (16%)



Cyan (58%)


Magenta (58%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1081, 18.1763, 65.2412 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 23.1081, 18.1763, 65.2412 by changing the saturation by 10% instead.


 23.1081, 18.1763,
65.2412


 23.1081, 18.1763,
65.2412


260.8047,
241.8629, 461.9881


 14.7945, 11.0766,
47.2041


 48.0361, 40.3375,
114.0132

 8.7606, 6.1184,
32.8415


 65.3812, 56.1678,
145.5851

 4.6412, 2.9172,
21.7350


 86.4675, 75.6772,
182.5057

 2.0709, 1.0887,
13.4658

 111.6604, 99.2499,
225.1936

 0.6733, 0.0000,
7.6156

141.3252,
127.2705, 274.0672

 0.0000, 0.0000,
3.7658


175.8273,

 0.0000, 0.0000,


160.1232, 329.5452


1.4977

215.5320,
198.1926, 392.0460


 0.0000, 0.0000,
0.2162


 0.0000, 0.0000,
0.0000

 23.1081, 18.1763,
65.2412


 23.1081, 18.1763,
65.2412


 18.9550, 13.1717,
64.4945


 28.4364, 24.5962,
66.1999


 15.8860, 9.4739,
63.9425


 35.0170, 32.5254,
67.3836


 13.8011, 6.9617,
63.5675


 42.9231, 42.0518,
68.8057


 12.5800, 5.4905,
63.3479

 52.2218, 53.2562,
70.4782

 12.0104, 4.8042,
63.2454

 62.9755, 66.2139,
72.4125

 75.2429, 80.9955,
74.6191

 89.0103, 97.5841,
77.0954

Harmonies

Analogous

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



16.7890, 18.1763, 73.7171



23.1081, 18.1763, 65.2412



28.8076, 18.1763, 43.0409

Triad

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



23.1081, 18.1763, 65.2412



24.1574, 18.1763, 3.0380



8.1968, 18.1763, 18.4160

Complementary

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



23.1081, 18.1763, 65.2412



53.8356, 62.7751, 22.9153

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.



9.3238, 18.1763, 6.9170



23.1081, 18.1763, 65.2412



17.7724, 18.1763, 1.8019

Square

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



23.1081, 18.1763, 65.2412



29.5045, 18.1763, 8.1991



12.5184, 18.1763, 2.6519



9.0017, 18.1763, 39.0755

Rectangle

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



23.1081, 18.1763, 65.2412



30.9912, 18.1763, 27.7218



12.5184, 18.1763, 2.6519



8.3551, 18.1763, 13.5383

Sweetspot

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



23.1089, 18.1769, 65.2417



71.3399, 71.4306, 104.6352



41.7487, 55.4571, 71.4551



14.6424, 14.5332, 22.2834



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.



23.1089, 18.1769, 65.2417



28.2815, 19.5478, 96.8903



31.5621, 22.5347, 65.6373



11.7427, 12.0088, 15.6365



7.3365, 2.9346, 38.6329



0.4425, 0.1770, 2.3302

Inverse Universe

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



44.6047, 29.2585, 66.2452



64.0405, 37.9824, 98.5593



40.7936, 56.0516, 22.3050



12.9531, 12.6327, 15.6931



24.0978, 11.5754, 39.4144



1.4535, 0.6982, 2.3773

Previews

White Background



This preview shows how the XYZ color 23.1081, 18.1763, 65.2412 looks on a white background.

Color Contrast Check

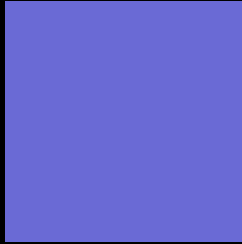
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.1081, 18.1763, 65.2412 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 23.1081, 18.1763, 65.2412

Background



This preview shows how black text looks on a background with the XYZ color 23.1081, 18.1763, 65.2412.



This preview shows how white text looks on a background with the XYZ color 23.1081, 18.1763,

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

23.1081, 18.1763, 65.2412

Protanopia

21.0656, 18.2692, 71.5233

Deuteranopia

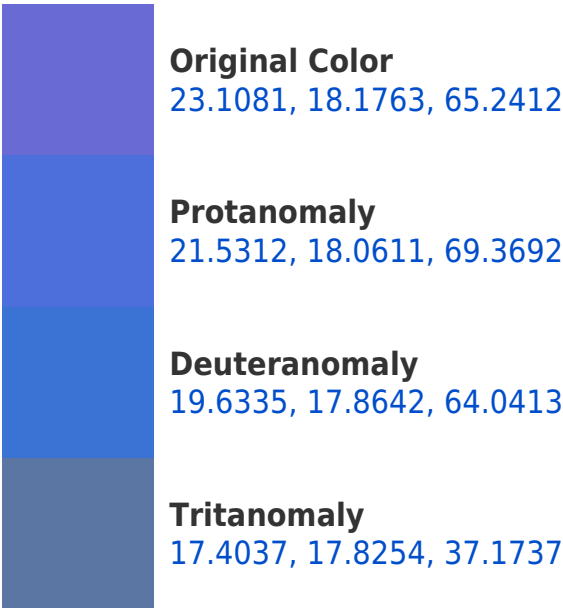
18.9144, 18.3774, 63.5231



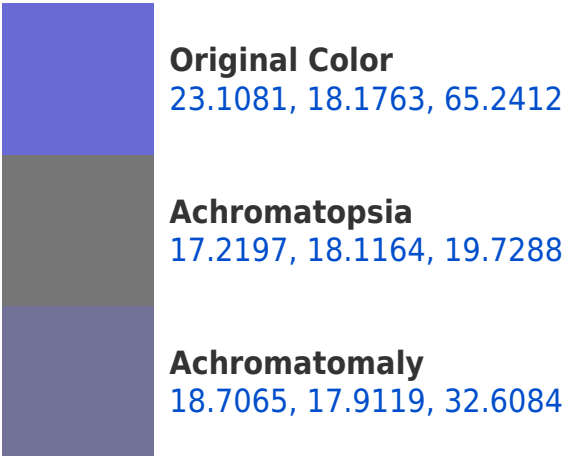
Tritanopia

15.1865, 18.2103, 25.6362

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1081, 18.1763, 65.2412 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(106, 106, 213) looks like.

```
.text, #text, p{  
    color:rgb(106, 106, 213)  
}
```

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(106, 106, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 106, 213) }
```

Border

The CSS property to change the border of an element to XYZ 23.1081, 18.1763, 65.2412 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(106, 106, 213) }
```


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

```
.border{ border-color:rgb(106, 106, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 106, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 106, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 106, 213);  
box-shadow:4px 4px 4px 4px rgb(106, 106,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1081, 18.1763, 65.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 106, 213) }
```

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

```
.background{ background-color: rgb(106,  
106, 213) }
```

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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