

Converting Colors

XYZ(13.6204, 6.3205, 50.3422)

Have a look what the booklet for
XYZ(13.6204, 6.3205, 50.3422)
contains.

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Color

**XYZ(13.6203, 6.3205,
50.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	5615C0
RGB	86, 21, 192
RGB Percent	34%, 8%, 75%
CMY	0.6627, 0.9177, 0.2471
CMYK	0.55, 0.89, 0.00, 0.25
HSL	263°, 80%, 42%
HSV	263°, 89%, 75%
XYZ	13.6203, 6.3205, 50.3713
YIQ	59.9290, -16.1510, 66.9610

Conversions

Conversions Part 2

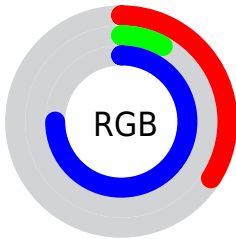
Format	Color
R _Y B	86, 21, 192
Decimal	5641664
CIE Lab	30.21, 62.48, -75.01
CIE LCh	30, 97.626, 309.792
Yxy	6.3205, 0.1937, 0.0899
Android (android.graphics.Color)	4283831744 (0xFF5615C0)
YUV	59.9290, 65.1110, 22.8643
Hunter-Lab	25.1406, 52.7090, -101.1940

Details

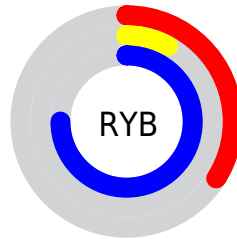
The XYZ color **13.6203, 6.3205, 50.3713** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **27.7362, 42.2649, 7.4054**, and the grayscale version is **4.1994, 4.4181, 4.8113**.

A 20% lighter version of the original color is **32.0123, 18.5540, 92.3365**, and **4.5154, 1.8061, 23.7775** is the 20% darker color. If you saturate the color by 10%, you get **12.3660, 5.3047, 50.2415**, and if you desaturate by 10%, it is **15.3067, 7.9280, 50.5929**.

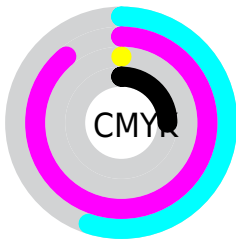
Distribution



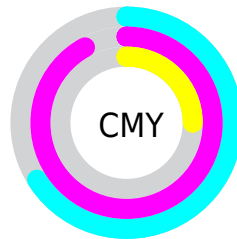
- Red (34%)
- Green (8%)
- Blue (75%)



- Red (34%)
- Yellow (8%)
- Blue (75%)



- Cyan (55%)
- Magenta (89%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (92%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6203, 6.3205, 50.3713 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 13.6203, 6.3205, 50.3713 by changing the saturation by 10% instead.

■ 13.6203, 6.3205,
50.3713

■ 13.6203, 6.3205,
50.3713

208.4140,
161.8919, 404.8928

■ 7.9370, 3.0409,
35.3353

■ 32.0057, 18.5926,
92.1267

■ 4.1061, 1.1531,
23.6356

■ 45.4385, 28.3538,
119.6832

■ 1.7623, 0.0229,
14.8539

■ 62.1852, 41.0445,
152.2502

■ 0.4948, 0.0000,
8.5714

■ 82.6110, 57.0489,
190.2464

■ 0.0000, 0.0000,
4.3697

■ 107.0815, 76.7514,
234.0902


■ 0.0000, 0.0000,
1.8303


■ 135.9619,

■ 0.0000, 0.0000,

100.5365, 284.2001

0.4478

 169.6176,
128.7885, 340.9948


 0.0000, 0.0000,
0.0000

 13.6203, 6.3205,
50.3713


 13.6203, 6.3205,
50.3713


 12.3660, 5.3047,
50.2415


 15.3067, 7.9280,
50.5929

 12.2614, 5.2219,
50.2311

 17.5052, 10.2772,
50.9304

 20.2661, 13.4559,
51.3985

 23.6323, 17.5393,
52.0092

 27.6424, 22.5936,
52.7735

■ 32.3312, 28.6789,
53.7009

■ 37.7310, 35.8501,
54.8005

■ 43.8719, 44.1583,
56.0805

■ 50.7822, 53.6511,
57.5486

Harmonies

Analogous

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



7.6385, 6.3205, 74.0386



13.6203, 6.3205, 50.3713



18.6959, 6.3205, 19.8429

Triad

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



13.6203, 6.3205, 50.3713



9.6049, 6.3205, 0.0000



0.8300, 6.3205, 12.1436

Complementary

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



13.6203, 6.3205, 50.3713



27.7362, 42.2649, 7.4054

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.



0.9460, 6.3205, 1.3199



13.6203, 6.3205, 50.3713



4.6268, 6.3205, 0.0000

Square

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



13.6203, 6.3205, 50.3713



15.6728, 6.3205, 0.0000



1.9419, 6.3205, 0.0000



1.4552, 6.3205, 39.0925

Rectangle

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



13.6203, 6.3205, 50.3713



19.8790, 6.3205, 6.9743



1.9419, 6.3205, 0.0000



0.7953, 6.3205, 6.7904

Sweetspot

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



13.6207, 6.3206, 50.3715



60.0894, 53.9480, 97.6063



17.7133, 19.7445, 52.7469



12.2182, 10.6899, 20.8047



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.6207, 6.3206, 50.3715



21.9591, 9.3288, 91.0036



26.1876, 12.7991, 50.9596



9.8821, 9.9304, 12.6807



8.3311, 3.5553, 33.8038



0.4368, 0.1932, 1.4642

Inverse Universe

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



25.8366, 13.2748, 21.2764



45.2964, 22.6687, 32.9538



20.0150, 38.2845, 7.0440



10.3297, 10.1805, 11.8268



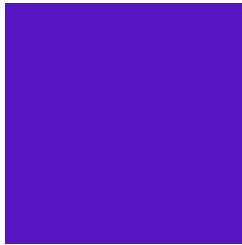
16.9074, 8.4527, 12.6901



0.7632, 0.3783, 0.7205

Previews

White Background



This preview shows how the XYZ color 13.6203, 6.3205, 50.3713 looks on a white background.

Color Contrast Check

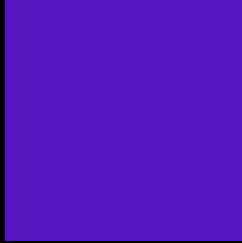
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 13.6203, 6.3205, 50.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

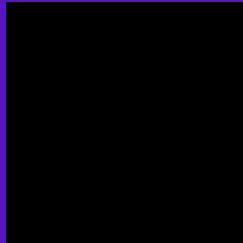
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.6203, 6.3205, 50.3713

Background



This preview shows how black text looks on a background with the XYZ color 13.6203, 6.3205, 50.3713.



This preview shows how white text looks on a background with the XYZ color 13.6203, 6.3205,

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

13.6203, 6.3205, 50.3713

Protanopia

7.3785, 6.4556, 28.0513

Deuteranopia

6.1505, 6.3782, 20.3090



Tritanopia

5.3647, 6.4218, 9.1404

Trichromacy



Original Color

13.6203, 6.3205, 50.3713

Protanomaly

8.4039, 5.3916, 35.2481

Deuteranomaly

7.3561, 5.1936, 29.0485

Tritanomaly

6.9759, 5.2825, 19.3909

Monochromacy



Original Color

13.6203, 6.3205, 50.3713

Achromatopsia

4.2949, 4.5186, 4.9208

Achromatomaly

6.1380, 4.3019, 14.6942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6203, 6.3205, 50.3713 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(86, 21, 192)` looks like.

```
.text, #text, p{  
    color:rgb(86, 21, 192)  
}
```

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(86, 21, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 21, 192) }
```

Border

The CSS property to change the border of an element to XYZ 13.6203, 6.3205, 50.3713 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(86, 21, 192) }
```


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

```
.border{ border-color:rgb(86, 21, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 21, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 21, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 21, 192);  
box-shadow:4px 4px 4px 4px rgb(86, 21,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6203, 6.3205, 50.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 21, 192) }
```

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

```
.background{ background-color: rgb(86, 21,  
192) }
```

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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