

Converting Colors

XYZ(14.1667, 10.7668, 51.3274)

Have a look what the booklet for
XYZ(14.1667, 10.7668, 51.3274)
contains.

XYZ(14.1832, 10.8045, 51.2071)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1832, 10.8045,
51.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	3753C0
RGB	55, 83, 192
RGB Percent	22%, 33%, 75%
CMY	0.7843, 0.6745, 0.2471
CMYK	0.71, 0.57, 0.00, 0.25
HSL	228°, 55%, 48%
HSV	228°, 71%, 75%
XYZ	14.1832, 10.8045, 51.2071
YIQ	87.0540, -51.6770, 27.9630

Conversions

Conversions Part 2

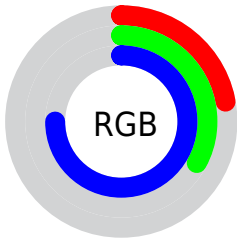
Format	Color
RYB	55, 78, 192
Decimal	3625920
CIELab	39.25, 27.06, -60.27
CIElCh	39, 66.071, 294.179
Yxy	10.8045, 0.1861, 0.1418
Android (android.graphics.Color)	4281816000 (0xFF3753C0)
YUV	87.0540, 51.7384, -28.1114
Hunter-Lab	32.8702, 19.4983, -69.3563

Details

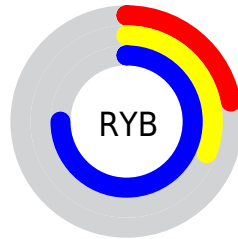
The XYZ color **14.1832, 10.8045, 51.2071** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **35.7051, 38.0365, 9.0754**, and the grayscale version is **8.9715, 9.4388, 10.2788**.

A 20% lighter version of the original color is **32.9579, 27.2640, 93.1479**, and **5.2409, 3.2572, 24.0194** is the 20% darker color. If you saturate the color by 10%, you get **12.2858, 8.2783, 50.8198**, and if you desaturate by 10%, it is **16.7482, 14.0572, 51.7000**.

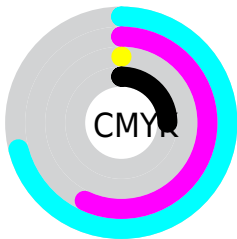
Distribution



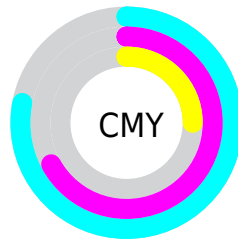
- Red (22%)
- Green (33%)
- Blue (75%)



- Red (22%)
- Yellow (31%)
- Blue (75%)



- Cyan (71%)
- Magenta (57%)
- Yellow (0%)
- Black (25%)



- Cyan (78%)
- Magenta (67%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1832, 10.8045, 51.2071 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 14.1832, 10.8045, 51.2071 by changing the saturation by 10% instead.

■ 14.1832, 10.8045,
51.2071

■ 14.1832, 10.8045,
51.2071

211.8554,
196.3213, 408.2374

■ 8.3307, 5.9355,
35.9956

■ 32.9973, 27.2981,
93.3755

■ 4.3609, 2.8059,
24.1411

■ 46.6896, 39.6915,
121.1694

■ 1.9083, 1.0313,
15.2252

■ 63.7260, 55.3618,
153.9945

■ 0.5816, 0.0000,
8.8292

■ 84.4717, 74.6935,
192.2694

■ 0.0000, 0.0000,
4.5346

■ 109.2922, 98.0709,
236.4126

■ 0.0000, 0.0000,
1.9230

138.5527,

■ 0.0000, 0.0000,

125.8784, 286.8426

0.5073

172.6187,
158.5004, 343.9781

■ 0.0000, 0.0000,
0.0000

■ 14.1832, 10.8045,
51.2071

■ 14.1832, 10.8045,
51.2071

■ 12.2858, 8.2783,
50.8198

■ 16.7482, 14.0572,
51.7000

■ 10.9867, 6.4174,
50.5291

■ 20.0372, 18.0885,
52.3048

■ 10.2476, 5.2721,
50.3469

■ 24.1022, 22.9465,
53.0282

■ 28.9898, 28.6750,
53.8763

■ 34.7429, 35.3146,
54.8547

■ 41.4013, 42.9034,
55.9685

■ 49.0023, 51.4771,
57.2228

■ 57.5812, 61.0697,
58.6222

■ 67.1712, 71.7135,
60.1712

Harmonies

Analogous

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



9.4266, 10.8045, 56.7870



14.1832, 10.8045, 51.2071



18.8761, 10.8045, 32.6936

Triad

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



14.1832, 10.8045, 51.2071



16.1281, 10.8045, 0.9857



3.8971, 10.8045, 9.4521

Complementary

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



14.1832, 10.8045, 51.2071



35.7051, 38.0365, 9.0754

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.



4.7809, 10.8045, 2.4664



14.1832, 10.8045, 51.2071



11.1609, 10.8045, 0.1357

Square

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



14.1832, 10.8045, 51.2071



20.2071, 10.8045, 4.3165



7.1512, 10.8045, 0.5171



4.2788, 10.8045, 24.9089

Rectangle

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



14.1832, 10.8045, 51.2071



20.8835, 10.8045, 19.7798



7.1512, 10.8045, 0.5171



4.0455, 10.8045, 6.2728

Sweetspot

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



14.1837, 10.8048, 51.2074



62.9670, 64.0051, 99.3958



26.9757, 41.1319, 40.8487



12.8515, 12.9765, 21.2127



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.



14.1837, 10.8048, 51.2074



20.7211, 12.8304, 91.7447



15.4790, 8.9093, 50.7733



9.6913, 10.0740, 12.7185



6.9412, 3.6389, 33.8932



0.3501, 0.2577, 1.4812

Inverse Universe

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



24.6663, 14.5642, 9.6948



41.3968, 22.0698, 9.4561



32.7115, 44.7658, 10.5321



10.1555, 10.1108, 10.9094



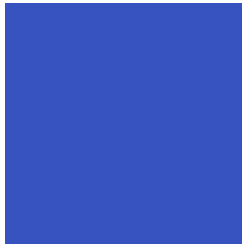
14.8996, 7.6496, 2.1173



0.6691, 0.3407, 0.2250

Previews

White Background



This preview shows how the XYZ color 14.1832, 10.8045, 51.2071 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 14.1832, 10.8045, 51.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

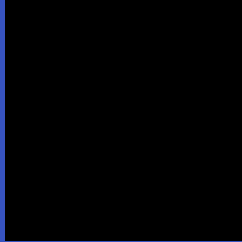
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1832, 10.8045, 51.2071

Background



This preview shows how black text looks on a background with the XYZ color 14.1832, 10.8045, 51.2071.



This preview shows how white text looks on a background with the XYZ color 14.1832, 10.8045,

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

14.1832, 10.8045, 51.2071

Protanopia

12.6495, 10.7756, 48.9902

Deuteranopia

10.5243, 10.6140, 35.6764



Tritanopia

7.5658, 10.6285, 16.4046

Trichromacy



Original Color

14.1832, 10.8045, 51.2071

Protanomaly

12.8820, 10.6392, 49.5187

Deuteranomaly

11.4875, 10.4782, 40.9522

Tritanomaly

9.1143, 10.2266, 26.3045

Monochromacy



Original Color

14.1832, 10.8045, 51.2071

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.9311, 9.6321, 20.7378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1832, 10.8045, 51.2071 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(55, 83, 192)` looks like.

```
.text, #text, p{  
    color:rgb(55, 83, 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(55, 83, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 83, 192) }
```

Border

The CSS property to change the border of an element to XYZ 14.1832, 10.8045, 51.2071 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(55, 83, 192) }
```


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

```
.border{ border-color:rgb(55, 83, 192) }
```

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

Here you see how a box with a 4 pixel rgb(55, 83, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 83, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 83, 192);  
box-shadow:4px 4px 4px 4px rgb(55, 83,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1832, 10.8045, 51.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 83, 192) }
```

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

```
.background{ background-color: rgb(55, 83,  
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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