

Converting Colors

XYZ(13.9916, 11.0584, 48.4114)

Have a look what the booklet for
XYZ(13.9916, 11.0584, 48.4114)
contains.

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Color

**XYZ(14.0424, 11.1430,
48.4244)**

Conversions

Conversions Part 1

Format	Color
Hex	3A56BB
RGB	58, 86, 187
RGB Percent	23%, 34%, 73%
CMY	0.7725, 0.6627, 0.2667
CMYK	0.69, 0.54, 0.00, 0.27
HSL	227°, 53%, 48%
HSV	227°, 69%, 73%
XYZ	14.0424, 11.1430, 48.4244
YIQ	89.1420, -49.1090, 25.4750

Conversions

Conversions Part 2

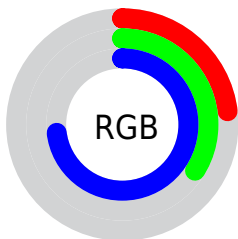
Format	Color
R_{YB}	58, 81, 187
Decimal	3823291
CIE _{Lab}	39.82, 23.72, -56.42
CIE _{LCh}	40, 61.204, 292.803
Yxy	11.1430, 0.1908, 0.1514
Android (android.graphics.Color)	4282013371 (0xFF3A56BB)
YUV	89.1420, 48.2440, -27.3115
Hunter-Lab	33.3811, 16.6724, -62.6424

Details

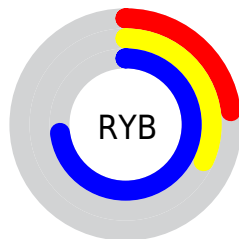
The XYZ color **14.0424, 11.1430, 48.4244** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **33.6572, 35.6698, 9.1152**, and the grayscale version is **9.4320, 9.9232, 10.8063**.

A 20% lighter version of the original color is **32.7388, 27.8527, 89.2385**, and **5.0616, 3.3494, 22.5700** is the 20% darker color. If you saturate the color by 10%, you get **12.0942, 8.5774, 48.0322**, and if you desaturate by 10%, it is **16.6258, 14.3916, 48.9156**.

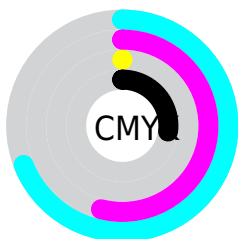
Distribution



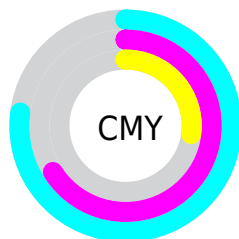
- Red (23%)
- Green (34%)
- Blue (73%)



- Red (23%)
- Yellow (32%)
- Blue (73%)



- Cyan (69%)
- Magenta (54%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0424, 11.1430, 48.4244 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 14.0424, 11.1430, 48.4244 by changing the saturation by 10% instead.

■ 14.0424, 11.1430,
48.4244

■ 14.0424, 11.1430,
48.4244

210.9998,
198.6460, 397.0290

■ 8.2321, 6.1631,
33.8007

■ 32.7499, 27.9243,
89.2081

■ 4.2968, 2.9445,
22.4644

■ 46.3777, 40.4945,
116.2052

■ 1.8714, 1.1028,
13.9970

■ 63.3421, 56.3636,
148.1638

■ 0.5601, 0.0000,
7.9798

■ 84.0084, 75.9159,
185.5025

■ 0.0000, 0.0000,
3.9945

■ 108.7420, 99.5359,
228.6398

■ 0.0000, 0.0000,
1.6223

137.9082,

■ 0.0000, 0.0000,

127.6080, 277.9943

0.3067

171.8723,
160.5166, 333.9846

■ 0.0000, 0.0000,
0.0000

■ 14.0424, 11.1430,
48.4244

■ 14.0424, 11.1430,
48.4244

■ 12.0942, 8.5774,
48.0322

■ 16.6258, 14.3916,
48.9156

■ 10.7199, 6.6413,
47.7309

■ 19.8948, 18.3692,
49.5110

■ 9.8242, 5.2614,
47.5117

■ 23.8962, 23.1183,
50.2168

■ 9.7482, 5.1448,
47.4932

■ 28.6720, 28.6781,
51.0382

■ 34.2613, 35.0848,
51.9803

■ 40.7001, 42.3725,
53.0476

■ 48.0225, 50.5733,
54.2445

■ 56.2607, 59.7178,
55.5754

■ 65.4449, 69.8350,
57.0442

Harmonies

Analogous

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



9.6104, 11.1430, 52.6337



14.0424, 11.1430, 48.4244



18.4217, 11.1430, 32.1963

Triad

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



14.0424, 11.1430, 48.4244



16.2673, 11.1430, 1.4577



4.4259, 11.1430, 9.4577

Complementary

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



14.0424, 11.1430, 48.4244



33.6572, 35.6698, 9.1152

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.



5.3695, 11.1430, 2.8296



14.0424, 11.1430, 48.4244



11.6363, 11.1430, 0.5547

Square

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



14.0424, 11.1430, 48.4244



19.9254, 11.1430, 5.1913



7.7574, 11.1430, 0.8554



4.7510, 11.1430, 23.4963

Rectangle

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



14.0424, 11.1430, 48.4244



20.3402, 11.1430, 20.3440



7.7574, 11.1430, 0.8554



4.5944, 11.1430, 6.4952

Sweetspot

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



14.0429, 11.1433, 48.4247



58.8640, 59.9882, 92.6778



25.5933, 38.8716, 38.0087



12.3404, 12.4981, 20.3045



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



14.0429, 11.1433, 48.4247



20.2203, 13.3689, 85.7161



14.9375, 8.9112, 47.9467



9.1799, 9.5521, 12.0321



6.7610, 3.6338, 32.7380



0.3142, 0.2410, 1.2988

Inverse Universe

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



23.6869, 14.2637, 10.3089



39.1354, 21.1730, 10.5799



31.5964, 42.5801, 10.5576



9.6126, 9.5694, 10.3492



14.4134, 7.3965, 2.2048



0.5895, 0.2997, 0.2175

Previews

White Background



This preview shows how the XYZ color 14.0424, 11.1430, 48.4244 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 14.0424, 11.1430, 48.4244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

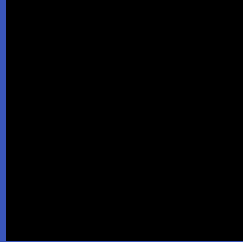
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0424, 11.1430, 48.4244

Background



This preview shows how black text looks on a background with the XYZ color 14.0424, 11.1430, 48.4244.



This preview shows how white text looks on a background with the XYZ color 14.0424, 11.1430,

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

14.0424, 11.1430, 48.4244

Protanopia

13.1352, 11.1126, 50.7429

Deuteranopia

11.0658, 11.1189, 37.6393



Tritanopia

7.8749, 11.0705, 17.0510

Trichromacy



Original Color

14.0424, 11.1430, 48.4244

Protanomaly

13.2675, 11.0691, 50.1525

Deuteranomaly

11.7764, 10.8697, 41.5218

Tritanomaly

9.2442, 10.5729, 25.9797

Monochromacy



Original Color

14.0424, 11.1430, 48.4244

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.3333, 10.0798, 20.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0424, 11.1430, 48.4244 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(58, 86, 187)` looks like.

```
.text, #text, p{  
    color:rgb(58, 86, 187)  
}
```

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(58, 86, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 86, 187) }
```

Border

The CSS property to change the border of an element to XYZ 14.0424, 11.1430, 48.4244 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(58, 86, 187) }
```


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

```
.border{ border-color:rgb(58, 86, 187) }
```

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

Here you see how a box with a 4 pixel rgb(58, 86, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 86, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 86, 187);  
box-shadow:4px 4px 4px 4px rgb(58, 86,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0424, 11.1430, 48.4244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 86, 187) }
```

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

```
.background{ background-color: rgb(58, 86,  
187) }
```

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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