

Converting Colors

XYZ(14.6393, 11.6911, 48.4987)

Have a look what the booklet for
XYZ(14.6393, 11.6911, 48.4987)
contains.

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Color

**XYZ(14.6393, 11.6911,
48.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	4158BB
RGB	65, 88, 187
RGB Percent	25%, 35%, 73%
CMY	0.7451, 0.6549, 0.2667
CMYK	0.65, 0.53, 0.00, 0.27
HSL	229°, 48%, 49%
HSV	229°, 65%, 73%
XYZ	14.6393, 11.6911, 48.4987
YIQ	92.4090, -45.4870, 25.9130

Conversions

Conversions Part 2

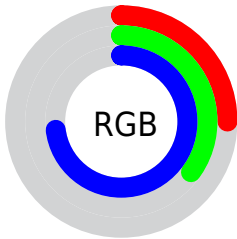
Format	Color
R _Y B	65, 84, 187
Decimal	4282555
CIE Lab	40.72, 23.53, -54.95
CIE LCh	41, 59.772, 293.184
Yxy	11.6911, 0.1956, 0.1562
Android (android.graphics.Color)	4282472635 (0xFF4158BB)
YUV	92.4090, 46.6334, -24.0377
Hunter-Lab	34.1923, 16.5878, -60.1631

Details

The XYZ color **14.6393, 11.6911, 48.4987** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **34.7246, 37.4998, 10.4100**, and the grayscale version is **10.1708, 10.7004, 11.6528**.

A 20% lighter version of the original color is **33.8751, 29.0686, 89.4133**, and **5.0975, 3.4212, 22.5820** is the 20% darker color. If you saturate the color by 10%, you get **12.4813, 8.9180, 48.0775**, and if you desaturate by 10%, it is **17.4674, 15.1947, 49.0262**.

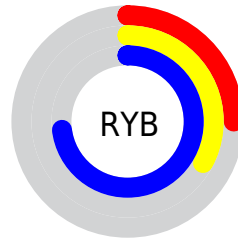
Distribution



Red (25%)

Green (35%)

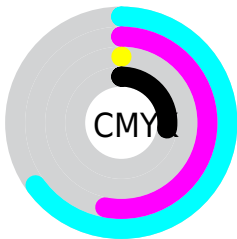
Blue (73%)



Red (25%)

Yellow (33%)

Blue (73%)

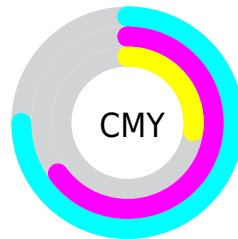


Cyan (65%)

Magenta (53%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (65%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6393, 11.6911, 48.4987 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 14.6393, 11.6911, 48.4987 by changing the saturation by 10% instead.

■ 14.6393, 11.6911,
48.4987

■ 14.6393, 11.6911,
48.4987

214.6044,
202.3494, 397.3310

■ 8.6513, 6.5337,
33.8592

■ 33.7960, 28.9312,
89.3197

■ 4.5697, 3.1722,
22.5090

■ 47.6955, 41.7828,
116.3383

■ 2.0292, 1.2223,
14.0295

■ 64.9627, 57.9678,
148.3203

■ 0.6503, 0.0798,
8.0022

■ 85.9632, 77.8708,
185.6844

■ 0.0000, 0.0000,
4.0085

■ 111.0623,
101.8760, 228.8489

■ 0.0000, 0.0000,
1.6300

140.6253,

■ 0.0000, 0.0000,

130.3679, 278.2325

0.3121

175.0175,
163.7309, 334.2537

■ 0.0000, 0.0000,
0.0000

■ 14.6393, 11.6911,
48.4987

■ 14.6393, 11.6911,
48.4987

■ 12.4813, 8.9180,
48.0775

■ 17.4674, 15.1947,
49.0262

■ 10.9333, 6.8202,
47.7541

■ 21.0152, 19.4762,
49.6656

■ 9.9261, 5.3351,
47.5206

■ 25.3296, 24.5801,
50.4234

■ 9.5780, 4.8045,
47.4365

■ 30.4527, 30.5472,
51.3051

■ 36.4236, 37.4155,
52.3161

■ 43.2789, 45.2206,
53.4614

■ 51.0530, 53.9963,
54.7455

■ 59.7783, 63.7746,
56.1730

■ 69.4857, 74.5862,
57.7482

Harmonies

Analogous

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



10.1726, 11.6911, 52.8163



14.6393, 11.6911, 48.4987



18.9970, 11.6911, 32.4652

Triad

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



14.6393, 11.6911, 48.4987



16.7464, 11.6911, 1.6955



4.8251, 11.6911, 10.1555

Complementary

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



14.6393, 11.6911, 48.4987



34.7246, 37.4998, 10.4100

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.



5.7811, 11.6911, 3.2400



14.6393, 11.6911, 48.4987



12.1077, 11.6911, 0.7592

Square

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



14.6393, 11.6911, 48.4987



20.4138, 11.6911, 5.5743



8.2024, 11.6911, 1.0708



5.1777, 11.6911, 24.3070

Rectangle

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



14.6393, 11.6911, 48.4987



20.8818, 11.6911, 20.7466



8.2024, 11.6911, 1.0708



4.9938, 11.6911, 7.1006

Sweetspot

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



14.6399, 11.6914, 48.4990



59.6013, 60.5485, 92.7471



26.5260, 39.2950, 40.6501



12.4747, 12.5842, 20.3141



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.



14.6399, 11.6914, 48.4990



21.1133, 14.3206, 85.8528



16.2951, 10.1709, 48.1183



9.1581, 9.5086, 12.0249



6.6394, 3.3905, 32.6974



0.3047, 0.2220, 1.2957

Inverse Universe

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



24.1458, 15.0508, 10.8651



39.7898, 22.2145, 11.6221



31.3766, 42.4448, 11.5410



9.6017, 9.5650, 10.2914



14.3520, 7.3720, 1.8814



0.5847, 0.2978, 0.1923

Previews

White Background



This preview shows how the XYZ color 14.6393, 11.6911, 48.4987 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 14.6393, 11.6911, 48.4987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

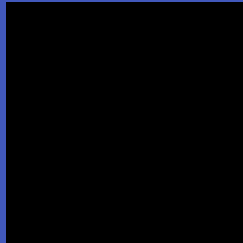
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6393, 11.6911, 48.4987

Background



This preview shows how black text looks on a background with the XYZ color 14.6393, 11.6911, 48.4987.



This preview shows how white text looks on a background with the XYZ color 14.6393, 11.6911,

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

14.6393, 11.6911, 48.4987

Protanopia

13.7936, 11.6931, 51.3992

Deuteranopia

11.6234, 11.6376, 39.6639



Tritanopia

8.3737, 11.6104, 18.0193

Trichromacy



Original Color

14.6393, 11.6911, 48.4987

Protanomaly

13.9498, 11.6713, 50.2327

Deuteranomaly

12.2159, 11.3342, 42.6182

Tritanomaly

9.8050, 11.1228, 26.8294

Monochromacy



Original Color

14.6393, 11.6911, 48.4987

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.0515, 10.8083, 21.5824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6393, 11.6911, 48.4987 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(65, 88, 187)` looks like.

```
.text, #text, p{  
    color:rgb(65, 88, 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(65, 88, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 88, 187) }
```

Border

The CSS property to change the border of an element to XYZ 14.6393, 11.6911, 48.4987 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(65, 88, 187) }
```


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

```
.border{ border-color:rgb(65, 88, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 88, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 88, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 88, 187);  
box-shadow:4px 4px 4px 4px rgb(65, 88,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6393, 11.6911, 48.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 88, 187) }
```

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

```
.background{ background-color: rgb(65, 88,  
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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