

Converting Colors

XYZ(11.5445, 14.6725, 29.3607)

Have a look what the booklet for
XYZ(11.5445, 14.6725, 29.3607)
contains.

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Color

**XYZ(11.5213, 14.6113,
29.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	077492
RGB	7, 116, 146
RGB Percent	3%, 45%, 57%
CMY	0.9725, 0.5451, 0.4274
CMYK	0.95, 0.21, 0.00, 0.43
HSL	193°, 91%, 30%
HSV	193°, 95%, 57%
XYZ	11.5213, 14.6113, 29.4071
YIQ	86.8290, -74.5940, -13.7780

Conversions

Conversions Part 2

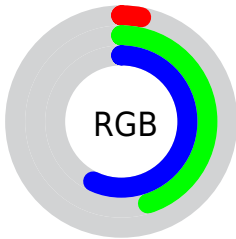
Format	Color
RYB	7, 68, 146
Decimal	488594
CIELab	45.10, -15.90, -23.94
CIELCh	45, 28.737, 236.412
Yxy	14.6113, 0.2074, 0.2631
Android (android.graphics.Color)	4278678674 (0xFF077492)
YUV	86.8290, 29.1713, -70.0100
Hunter-Lab	38.2247, -13.0917, -18.8558

Details

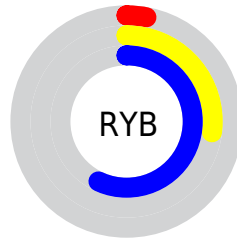
The XYZ color **11.5213, 14.6113, 29.4071** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **12.5548, 7.4507, 0.9780**, and the grayscale version is **8.9746, 9.4420, 10.2823**.

A 20% lighter version of the original color is **28.2657, 34.1538, 59.7462**, and **4.1327, 4.9605, 11.5661** is the 20% darker color. If you saturate the color by 10%, you get **11.2607, 14.2200, 29.3456**, and if you desaturate by 10%, it is **12.1260, 15.4717, 29.5416**.

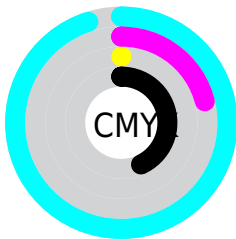
Distribution



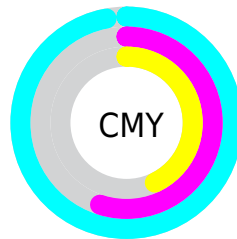
- Red (3%)
- Green (45%)
- Blue (57%)



- Red (3%)
- Yellow (27%)
- Blue (57%)



- Cyan (95%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (97%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5213, 14.6113, 29.4071 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 11.5213, 14.6113, 29.4071 by changing the saturation by 10% instead.

■ 11.5213, 14.6113,
29.4071

■ 11.5213, 14.6113,
29.4071

195.0452,
221.0013, 313.2518

■ 6.4885, 8.5470,
19.1408

■ 28.2447, 34.1698,
59.7731

■ 3.1878, 4.4469,
11.5942

■ 40.6660, 48.4329,
80.7100

■ 1.2538, 1.9266,
6.3488

■ 56.2808, 66.1977,
106.0407

■ 0.1482, 0.5643,
2.9861

■ 75.4545, 87.8486,
136.1838

■ 0.0000, 0.0000,
1.0876

■ 98.5524, 113.7700,
171.5580

■ 0.0000, 0.0000,
0.0000

■ 125.9399,

144.3463, 212.5817

157.9824,
179.9620, 259.6734

■ 11.5213, 14.6113,
29.4071

■ 11.5213, 14.6113,
29.4071

■ 11.2607, 14.2200,
29.3456

■ 12.1260, 15.4717,
29.5416

■ 12.9206, 16.4483,
29.6882

■ 13.9360, 17.5574,
29.8488

■ 15.1948, 18.8108,
30.0244

■ 16.7168, 20.2188,
30.2159

■ 18.5197, 21.7908,
30.4243

■ 20.6194, 23.5351,
30.6503

■ 23.0308, 25.4596,
30.8947

■ 25.7677, 27.5715,
31.1581

Harmonies

Analogous

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



10.2008, 14.6113, 22.4321



11.5213, 14.6113, 29.4071



13.6050, 14.6113, 32.7630

Triad

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



11.5213, 14.6113, 29.4071



18.9371, 14.6113, 16.7380



11.9619, 14.6113, 6.8652

Complementary

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



11.5213, 14.6113, 29.4071



12.5548, 7.4507, 0.9780

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.



14.1741, 14.6113, 6.1315



11.5213, 14.6113, 29.4071



18.3702, 14.6113, 10.7919

Square

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



11.5213, 14.6113, 29.4071



18.0295, 14.6113, 24.2540



16.5576, 14.6113, 7.3411



10.4342, 14.6113, 9.7386

Rectangle

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



11.5213, 14.6113, 29.4071



15.2121, 14.6113, 31.9524



16.5576, 14.6113, 7.3411



12.6423, 14.6113, 6.4028

Sweetspot

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



11.5218, 14.6118, 29.4075



34.6807, 40.1277, 53.8911



10.6675, 20.7235, 5.0136



7.4070, 8.6694, 11.9552



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5218, 14.6118, 29.4075



19.7379, 24.8313, 51.7262



6.3626, 4.2934, 27.6877



5.8590, 6.3520, 7.3870



9.9260, 12.5467, 25.8296



0.1427, 0.1960, 0.3232

Inverse Universe

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



15.0828, 7.5244, 17.1809



26.2548, 12.9176, 29.1138



16.8738, 16.0888, 2.4177



5.9823, 5.8880, 7.0128



13.1372, 6.4600, 14.7356



0.1715, 0.0833, 0.2367

Previews

White Background



This preview shows how the XYZ color 11.5213, 14.6113, 29.4071 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 11.5213, 14.6113, 29.4071 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 11.5213, 14.6113, 29.4071

Background



This preview shows how black text looks on a background with the XYZ color 11.5213, 14.6113, 29.4071.

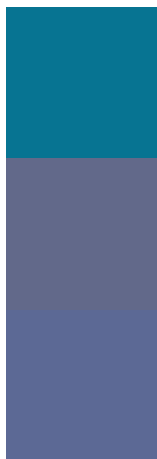


This preview shows how white text looks on a background with the XYZ color 11.5213, 14.6113,

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

11.5213, 14.6113, 29.4071

Protanopia

14.6760, 14.5348, 26.0767

Deuteranopia

14.8900, 14.5484, 30.4571



Tritanopia

10.3092, 14.4892, 22.3320

Trichromacy



Original Color

11.5213, 14.6113, 29.4071

Protanomaly

12.4563, 13.9842, 27.2420

Deuteranomaly

12.7384, 14.0675, 30.0609

Tritanomaly

10.7019, 14.4632, 24.7819

Monochromacy



Original Color

11.5213, 14.6113, 29.4071

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.8194, 10.7176, 15.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5213, 14.6113, 29.4071 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(7, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(7, 116, 146)  
}
```

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(7, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 116, 146) }
```

Border

The CSS property to change the border of an element to XYZ 11.5213, 14.6113, 29.4071 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(7, 116, 146) }
```


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

```
.border{ border-color:rgb(7, 116, 146) }
```

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

Here you see how a box with a 4 pixel rgb(7, 116, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(7, 116,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5213, 14.6113, 29.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 116, 146) }
```

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

```
.background{ background-color: rgb(7, 116,  
146) }
```

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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