

Converting Colors

XYZ(11.1975, 11.4415, 29.4429)

Have a look what the booklet for
XYZ(11.1975, 11.4415, 29.4429)
contains.

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Color

**XYZ(11.2509, 11.5283,
29.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	386194
RGB	56, 97, 148
RGB Percent	22%, 38%, 58%
CMY	0.7804, 0.6196, 0.4196
CMYK	0.62, 0.34, 0.00, 0.42
HSL	213°, 45%, 40%
HSV	213°, 62%, 58%
XYZ	11.2509, 11.5283, 29.6492
YIQ	90.5550, -40.8070, 7.1690

Conversions

Conversions Part 2

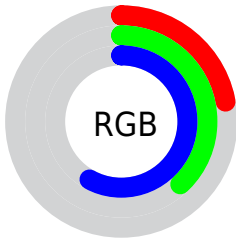
Format	Color
R_{YB}	56, 84, 148
Decimal	3694996
CIE _{Lab}	40.46, 2.15, -32.29
CIE _{LCh}	40, 32.366, 273.817
Yxy	11.5283, 0.2146, 0.2199
Android (android.graphics.Color)	4281885076 (0xFF386194)
YUV	90.5550, 28.3204, -30.3047
Hunter-Lab	33.9534, -0.2700, -28.0067

Details

The XYZ color **11.2509, 11.5283, 29.6492** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.1849, 17.0977, 6.0837**, and the grayscale version is **9.7883, 10.2980, 11.2145**.

A 20% lighter version of the original color is **27.6499, 28.5112, 59.9230**, and **3.3415, 3.2307, 11.7567** is the 20% darker color. If you saturate the color by 10%, you get **9.8235, 9.7248, 29.3766**, and if you desaturate by 10%, it is **13.0022, 13.6156, 29.9600**.

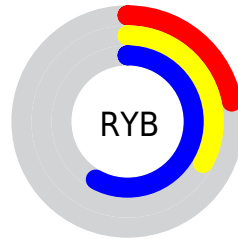
Distribution



Red (22%)

Green (38%)

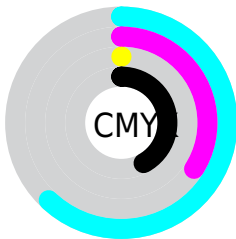
Blue (58%)



Red (22%)

Yellow (33%)

Blue (58%)

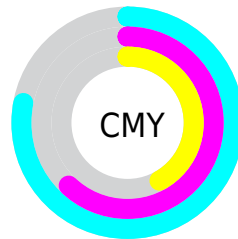


Cyan (62%)

Magenta (34%)

Yellow (0%)

Black (42%)



Cyan (78%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2509, 11.5283, 29.6492 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 11.2509, 11.5283, 29.6492 by changing the saturation by 10% instead.

■ 11.2509, 11.5283,
29.6492

■ 11.2509, 11.5283,
29.6492

193.2538,
201.2570, 314.4221

■ 6.3044, 6.4234,
19.3227

■ 27.7521, 28.6330,
60.1614

■ 3.0734, 3.1042,
11.7245

■ 40.0374, 41.4016,
81.1842

■ 1.1927, 1.1864,
6.4361

■ 55.4998, 57.4935,
106.6094

■ 0.1006, 0.0505,
3.0390

■ 74.5045, 77.2932,
136.8557

■ 0.0000, 0.0000,
1.1146

■ 97.4169, 101.1850,
172.3416

■ 0.0000, 0.0000,
0.0000

124.6023,

129.5533, 213.4856

156.4262,
162.7825, 260.7063

■ 11.2509, 11.5283,
29.6492

■ 11.2509, 11.5283,
29.6492

■ 9.8235, 9.7248,
29.3766

■ 13.0022, 13.6156,
29.9600

■ 8.6940, 8.1876,
29.1394

■ 15.0979, 16.0000,
30.3098

■ 7.8340, 6.8985,
28.9359

■ 17.5582, 18.6954,
30.7004

■ 7.2909, 6.0293,
28.7967

■ 20.4013, 21.7143,
31.1333

■ 23.6441, 25.0684,
31.6097

■ 27.3023, 28.7687,
32.1312

■ 31.3911, 32.8258,
32.6988

■ 35.9244, 37.2496,
33.3137

■ 40.9159, 42.0498,
33.9772

Harmonies

Analogous

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



9.1391, 11.5283, 27.4750



11.2509, 11.5283, 29.6492



13.5751, 11.5283, 26.0938

Triad

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



11.2509, 11.5283, 29.6492



15.0059, 11.5283, 6.7938



7.4835, 11.5283, 7.7984

Complementary

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



11.2509, 11.5283, 29.6492



18.1849, 17.0977, 6.0837

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.



8.6998, 11.5283, 4.7586



11.2509, 11.5283, 29.6492



13.0019, 11.5283, 4.3353

Square

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



11.2509, 11.5283, 29.6492



15.9242, 11.5283, 11.7372



10.6689, 11.5283, 3.7454



7.1483, 11.5283, 13.4044

Rectangle

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



11.2509, 11.5283, 29.6492



14.8785, 11.5283, 21.4906



10.6689, 11.5283, 3.7454



7.7937, 11.5283, 6.5163

Sweetspot

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



11.2513, 11.5287, 29.6495



37.5152, 39.8983, 55.1585



14.8541, 23.0741, 17.4714



8.2373, 8.7671, 12.5429



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



11.2513, 11.5287, 29.6495



16.4064, 15.9260, 51.6439



8.6600, 5.9465, 28.7086



5.6995, 6.0330, 7.3338



6.2540, 5.2028, 24.6057



0.1052, 0.1210, 0.3107

Inverse Universe

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



15.7850, 9.9879, 12.4055



25.5079, 14.3713, 16.6811



22.7011, 27.3411, 7.8229



5.9018, 5.8558, 6.5889



11.2838, 5.7186, 4.9756



0.1526, 0.0758, 0.1371

Previews

White Background



This preview shows how the XYZ color 11.2509, 11.5283, 29.6492 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 11.2509, 11.5283, 29.6492 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 11.2509, 11.5283, 29.6492

Background



This preview shows how black text looks on a background with the XYZ color 11.2509, 11.5283, 29.6492.



This preview shows how white text looks on a background with the XYZ color 11.2509, 11.5283,

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

11.2509, 11.5283, 29.6492

Protanopia

12.0858, 11.4508, 28.3613

Deuteranopia

11.7522, 11.5158, 29.6203



Tritanopia

8.7677, 11.5242, 17.3851

Trichromacy



Original Color

11.2509, 11.5283, 29.6492

Protanomaly

11.6453, 11.3459, 28.7703

Deuteranomaly

11.5781, 11.5606, 29.6382

Tritanomaly

9.5018, 11.3716, 21.4328

Monochromacy



Original Color

11.2509, 11.5283, 29.6492

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.9809, 10.6183, 16.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2509, 11.5283, 29.6492 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(56, 97, 148)` looks like.

```
.text, #text, p{  
    color:rgb(56, 97, 148)  
}
```

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(56, 97, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 97, 148) }
```

Border

The CSS property to change the border of an element to XYZ 11.2509, 11.5283, 29.6492 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(56, 97, 148) }
```


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

```
.border{ border-color:rgb(56, 97, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 97, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 97, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 97, 148);  
box-shadow:4px 4px 4px 4px rgb(56, 97,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2509, 11.5283, 29.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 97, 148) }
```

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

```
.background{ background-color: rgb(56, 97,  
148) }
```

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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