

Converting Colors

XYZ(11.9404, 14.8273, 29.4268)

Have a look what the booklet for
XYZ(11.9404, 14.8273, 29.4268)
contains.

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Color

**XYZ(11.9404, 14.8273,
29.4268)**

Conversions

Conversions Part 1

Format	Color
Hex	1D7492
RGB	29, 116, 146
RGB Percent	11%, 45%, 57%
CMY	0.8862, 0.5451, 0.4274
CMYK	0.80, 0.21, 0.00, 0.43
HSL	195°, 67%, 34%
HSV	195°, 80%, 57%
XYZ	11.9404, 14.8273, 29.4268
YIQ	93.4070, -61.4820, -9.1140

Conversions

Conversions Part 2

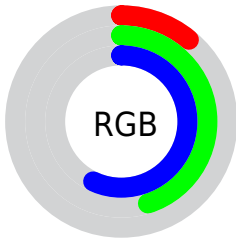
Format	Color
R_{YB}	29, 79, 146
Decimal	1930386
CIE _{Lab}	45.40, -14.22, -23.45
CIE _{LCh}	45, 27.428, 238.761
Yxy	14.8273, 0.2125, 0.2639
Android (android.graphics.Color)	4280120466 (0xFF1D7492)
YUV	93.4070, 25.9283, -56.4849
Hunter-Lab	38.5062, -12.0348, -18.3556

Details

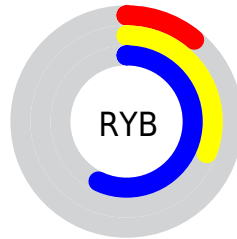
The XYZ color **11.9404, 14.8273, 29.4268** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **13.6405, 9.3287, 2.2447**, and the grayscale version is **10.4520, 10.9963, 11.9750**.

A 20% lighter version of the original color is **28.9422, 34.5026, 59.7778**, and **4.1327, 4.9605, 11.5661** is the 20% darker color. If you saturate the color by 10%, you get **11.1985, 13.8173, 29.2712**, and if you desaturate by 10%, it is **12.8963, 15.9740, 29.5980**.

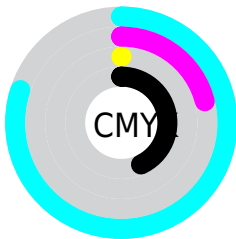
Distribution



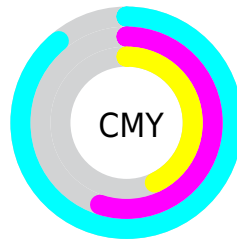
- Red (11%)
- Green (45%)
- Blue (57%)



- Red (11%)
- Yellow (31%)
- Blue (57%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9404, 14.8273, 29.4268 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 11.9404, 14.8273, 29.4268 by changing the saturation by 10% instead.

■ 11.9404, 14.8273,
29.4268

■ 11.9404, 14.8273,
29.4268

197.7883,
222.3185, 313.3471

■ 6.7750, 8.6983,
19.1556

■ 29.0043, 34.5499,
59.8048

■ 3.3669, 4.5449,
11.6048

■ 41.6335, 48.9123,
80.7486

■ 1.3506, 1.9828,
6.3559

■ 57.4814, 66.7879,
106.0870

■ 0.2206, 0.5975,
2.9904

■ 76.9134, 88.5612,
136.2386

■ 0.0000, 0.0000,
1.0897

■ 100.2946,
114.6165, 171.6218

■ 0.0000, 0.0000,
0.0000

■ 127.9907,

145.3382, 212.6553

160.3668,
181.1108, 259.7576

■ 11.9404, 14.8273,
29.4268

■ 11.9404, 14.8273,
29.4268

■ 11.1985, 13.8173,
29.2712

■ 12.8963, 15.9740,
29.5980

■ 10.6105, 12.9195,
29.1290

■ 14.0893, 17.2688,
29.7851

■ 15.5412, 18.7234,
29.9893

■ 17.2704, 20.3477,
30.2117

■ 19.2941, 22.1508,
30.4531

■ 21.6275, 24.1408,
30.7142

■ 24.2851, 26.3255,
30.9958

■ 27.2803, 28.7120,
31.2986

■ 30.6257, 31.3071,
31.6232

Harmonies

Analogous

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



10.5901, 14.8273, 22.9667



11.9404, 14.8273, 29.4268



13.9984, 14.8273, 32.2215

Triad

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



11.9404, 14.8273, 29.4268



18.9433, 14.8273, 16.4173



12.0879, 14.8273, 7.4529

Complementary

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



11.9404, 14.8273, 29.4268



13.6405, 9.3287, 2.2447

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.



14.1879, 14.8273, 6.5675



11.9404, 14.8273, 29.4268



18.2938, 14.8273, 10.8277

Square

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



11.9404, 14.8273, 29.4268



18.1812, 14.8273, 23.5663



16.4897, 14.8273, 7.6161



10.6686, 14.8273, 10.4716

Rectangle

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



11.9404, 14.8273, 29.4268



15.5497, 14.8273, 31.1806



16.4897, 14.8273, 7.6161



12.7301, 14.8273, 6.9387

Sweetspot

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



11.9409, 14.8278, 29.4272



36.2913, 41.0163, 53.9777



11.5563, 21.1275, 7.5064



7.7854, 8.8779, 11.9755



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.



11.9409, 14.8278, 29.4272



18.9572, 23.1297, 51.4389



7.2214, 5.3889, 27.8540



5.8395, 6.3130, 7.3805



9.3556, 11.4059, 25.6395



0.1382, 0.1870, 0.3217

Inverse Universe

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



15.4463, 8.2513, 17.3020



25.8950, 12.9048, 26.8150



18.4087, 18.8649, 3.8341



5.9724, 5.8840, 6.9610



12.8493, 6.3448, 13.2195



0.1692, 0.0824, 0.2248

Previews

White Background



This preview shows how the XYZ color 11.9404, 14.8273, 29.4268 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 11.9404, 14.8273, 29.4268 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 11.9404, 14.8273, 29.4268

Background



This preview shows how black text looks on a background with the XYZ color 11.9404, 14.8273, 29.4268.



This preview shows how white text looks on a background with the XYZ color 11.9404, 14.8273,

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

11.9404, 14.8273, 29.4268

Protanopia

14.7785, 14.7397, 26.1109

Deuteranopia

15.0135, 14.7733, 30.0772



Tritanopia

10.4931, 14.7522, 22.7165

Trichromacy



Original Color

11.9404, 14.8273, 29.4268

Protanomaly

13.1313, 14.4914, 27.3043

Deuteranomaly

13.3682, 14.5605, 29.7096

Tritanomaly

10.9896, 14.7773, 25.1948

Monochromacy



Original Color

11.9404, 14.8273, 29.4268

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.1041, 11.7793, 17.0703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9404, 14.8273, 29.4268 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(29, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(29, 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(29, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 116, 146) }
```

Border

The CSS property to change the border of an element to XYZ 11.9404, 14.8273, 29.4268 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(29, 116, 146) }
```


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

```
.border{ border-color:rgb(29, 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(29, 116, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(29, 116,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9404, 14.8273, 29.4268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 116, 146) }
```

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

```
.background{ background-color: rgb(29, 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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