

Converting Colors

XYZ(14.9645, 15.9885, 18.2038)

Have a look what the booklet for
XYZ(14.9645, 15.9885, 18.2038)
contains.

XYZ(14.8948, 15.9290, 18.2092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8948, 15.9290,
18.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7072
RGB	107, 112, 114
RGB Percent	42%, 44%, 45%
CMY	0.5804, 0.5608, 0.5529
CMYK	0.06, 0.02, 0.00, 0.55
HSL	197°, 3%, 43%
HSV	197°, 6%, 45%
XYZ	14.8948, 15.9290, 18.2092
YIQ	110.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

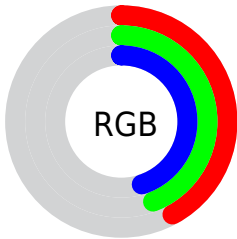
Format	Color
RYB	107, 110, 114
Decimal	7041138
CIELab	46.88, -1.47, -1.77
CIELCh	47, 2.305, 230.321
Yxy	15.9290, 0.3038, 0.3249
Android (android.graphics.Color)	4285231218 (0xFF6B7072)
YUV	110.7330, 1.6106, -3.2738
Hunter-Lab	39.9112, -3.2285, 0.8871

Details

The XYZ color **14.8948, 15.9290, 18.2092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0620, 15.5761, 16.1227**, and the grayscale version is **15.0287, 15.8113, 17.2185**.

A 20% lighter version of the original color is **34.2589, 36.5732, 41.3301**, and **4.6802, 5.0208, 5.8767** is the 20% darker color. If you saturate the color by 10%, you get **13.2611, 14.5637, 18.0320**, and if you desaturate by 10%, it is **16.7232, 17.4148, 18.3999**.

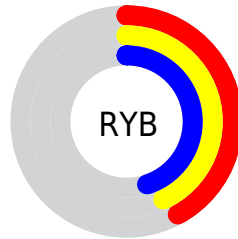
Distribution



Red (42%)

Green (44%)

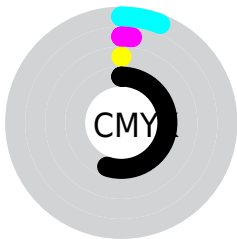
Blue (45%)



Red (42%)

Yellow (43%)

Blue (45%)

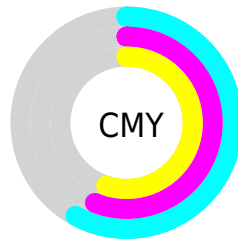


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (55%)



Cyan (58%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8948, 15.9290, 18.2092 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 14.8948, 15.9290, 18.2092 by changing the saturation by 10% instead.

■ 14.8948, 15.9290,
18.2092

■ 14.8948, 15.9290,
18.2092

216.1296,
228.9224, 254.3232

■ 8.8314, 9.4739,
10.9293

■ 34.2417, 36.4749,
41.2122

■ 4.6876, 5.0516,
5.9057

■ 48.2559, 51.3345,
57.7724

■ 2.0980, 2.2776,
2.7200

■ 65.6511, 69.7644,
78.2631

■ 0.6881, 0.7618,
0.9535

■ 86.7927, 92.1491,
103.1029

■ 0.0000, 0.0000,
0.0000

112.0460,
118.8728, 132.7102

141.7763,

150.3200, 167.5037

176.3491,
186.8750, 207.9018

■ 14.8948, 15.9290,
18.2092

■ 14.8948, 15.9290,
18.2092

■ 13.2611, 14.5637,
18.0320

■ 16.7232, 17.4148,
18.3999

■ 11.8135, 13.3130,
17.8669

■ 18.7516, 19.0227,
18.6033

■ 10.5448, 12.1734,
17.7138

■ 20.9869, 20.7569,
18.8202

■ 9.4469, 11.1406,
17.5723

■ 23.4352, 22.6209,
19.0510

■ 8.5110, 10.2097,
17.4420

■ 26.1025, 24.6177,
19.2958

■ 7.7275, 9.3755,
17.3223

■ 28.9943, 26.7505,
19.5551

■ 7.0855, 8.6323,
17.2126

■ 32.1161, 29.0223,
19.8290

■ 6.5728, 7.9736,
17.1125

■ 35.4731, 31.4360,
20.1180

■ 6.1637, 7.3859,
17.0206

■ 39.0704, 33.9943,
20.4222

Harmonies

Analogous

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



14.7808, 15.9290, 17.7309



14.8948, 15.9290, 18.2092



15.0752, 15.9290, 18.4572

Triad

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



14.8948, 15.9290, 18.2092



15.5239, 15.9290, 17.5306



15.0063, 15.9290, 16.3273

Complementary

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



14.8948, 15.9290, 18.2092



15.0620, 15.5761, 16.1227

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.



15.2051, 15.9290, 16.2764



14.8948, 15.9290, 18.2092



15.5051, 15.9290, 16.9627

Square

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



14.8948, 15.9290, 18.2092



15.4392, 15.9290, 18.0598



15.3880, 15.9290, 16.5066



14.8448, 15.9290, 16.6473

Rectangle

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



14.8948, 15.9290, 18.2092



15.2093, 15.9290, 18.4550



15.3880, 15.9290, 16.5066



15.0709, 15.9290, 16.2785

Sweetspot

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



14.8953, 15.9297, 18.2096



27.4466, 29.0341, 32.1331



14.8404, 16.2645, 16.8207



6.3595, 6.7244, 7.4325



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.8953, 15.9297, 18.2096



25.8607, 27.7335, 31.9656



14.5181, 15.1754, 18.0838



3.4701, 3.7215, 4.2896



6.6798, 7.9500, 18.9040



32.5129, 38.0778, 93.9153

Inverse Universe

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



15.1221, 15.2629, 17.4790



26.3248, 26.3764, 30.4693



15.4412, 16.3345, 16.2491



3.5325, 3.5392, 4.0887



9.3900, 4.6484, 9.1297



46.3910, 23.0017, 43.4527

Previews

White Background



This preview shows how the XYZ color 14.8948, 15.9290, 18.2092 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 14.8948, 15.9290, 18.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

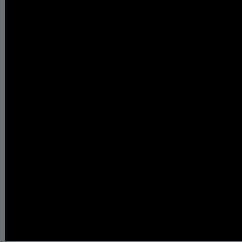
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

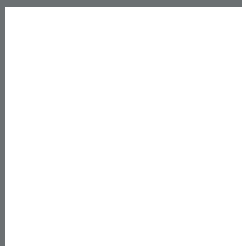
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8948, 15.9290, 18.2092

Background



This preview shows how black text looks on a background with the XYZ color 14.8948, 15.9290, 18.2092.



This preview shows how white text looks on a background with the XYZ color 14.8948, 15.9290,

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

14.8948, 15.9290, 18.2092

Protanopia

15.2387, 15.7889, 17.8672

Deuteranopia

16.2028, 15.9560, 18.4455



Tritanopia

15.2589, 15.9131, 20.0366

Trichromacy



Original Color

14.8948, 15.9290, 18.2092

Protanomaly

15.0955, 15.8761, 17.8916

Deuteranomaly

15.6334, 15.8199, 18.4492

Tritanomaly

15.1388, 15.8650, 19.4039

Monochromacy



Original Color

14.8948, 15.9290, 18.2092

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0395, 15.8537, 17.5966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8948, 15.9290, 18.2092 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(107, 112, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 112, 114)  
}
```

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(107, 112, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 112, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.8948, 15.9290, 18.2092 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(107, 112, 114) }
```


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

```
.border{ border-color:rgb(107, 112, 114) }
```

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

Here you see how a box with a 4 pixel rgb(107, 112, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 112, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 112, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 112,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8948, 15.9290, 18.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 112, 114) }
```

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

```
.background{ background-color: rgb(107,  
112, 114) }
```

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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