

Converting Colors

XYZ(15.1076, 17.6971, 29.5222)

Have a look what the booklet for
XYZ(15.1076, 17.6971, 29.5222)
contains.

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Color

**XYZ(15.0954, 17.7061,
29.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7B91
RGB	75, 123, 145
RGB Percent	29%, 48%, 57%
CMY	0.7059, 0.5176, 0.4314
CMYK	0.48, 0.15, 0.00, 0.43
HSL	199°, 32%, 43%
HSV	199°, 48%, 57%
XYZ	15.0954, 17.7061, 29.4101
YIQ	111.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

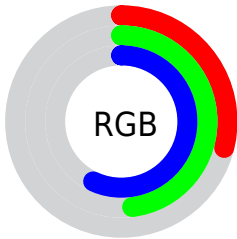
Format	Color
R_{YB}	75, 103, 145
Decimal	4946833
CIE Lab	49.14, -9.99, -16.98
CIE LCh	49, 19.700, 239.518
Yxy	17.7061, 0.2426, 0.2846
Android (android.graphics.Color)	4283136913 (0xFF4B7B91)
YUV	111.1560, 16.6851, -31.7088
Hunter-Lab	42.0786, -9.6020, -11.9847

Details

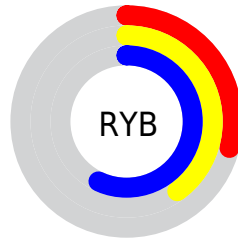
The XYZ color **15.0954, 17.7061, 29.4101** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.2221, 15.0774, 8.6596**, and the grayscale version is **15.1156, 15.9028, 17.3182**.

A 20% lighter version of the original color is **34.5409, 39.3727, 59.8120**, and **4.7829, 5.8622, 11.7059** is the 20% darker color. If you saturate the color by 10%, you get **13.5359, 16.0827, 29.1793**, and if you desaturate by 10%, it is **16.9409, 19.5167, 29.6626**.

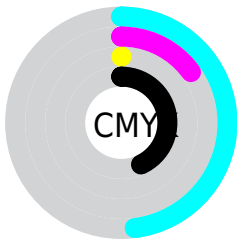
Distribution



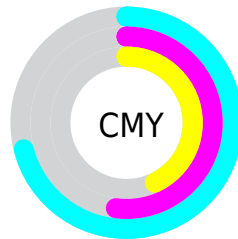
- Red (29%)
- Green (48%)
- Blue (57%)



- Red (29%)
- Yellow (40%)
- Blue (57%)



- Cyan (48%)
- Magenta (15%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0954, 17.7061, 29.4101 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 15.0954, 17.7061, 29.4101 by changing the saturation by 10% instead.

■ 15.0954, 17.7061,
29.4101

■ 15.0954, 17.7061,
29.4101

217.3199,
239.2092, 313.2663

■ 8.9731, 10.7392,
19.1430

■ 34.5907, 39.5359,
59.7780

■ 4.7806, 5.8917,
11.5958

■ 48.6945, 55.1676,
80.7158

■ 2.1526, 2.7794,
6.3499

■ 66.1895, 74.4563,
106.0477

■ 0.7176, 1.0177,
2.9868

■ 87.4410, 97.7864,
136.1922

■ 0.0000, 0.0000,
1.0879

■ 112.8145,
125.5424, 171.5677

■ 0.0000, 0.0000,
0.0000

142.6752,

158.1086, 212.5929

177.3885,
195.8694, 259.6862

■ 15.0954, 17.7061,
29.4101

■ 15.0954, 17.7061,
29.4101

■ 13.5359, 16.0827,
29.1793

■ 16.9409, 19.5167,
29.6626

■ 12.2424, 14.6347,
28.9679

■ 19.0871, 21.5216,
29.9365

■ 11.1953, 13.3516,
28.7755

■ 21.5498, 23.7297,
30.2329

■ 10.3707, 12.2208,
28.6007

■ 24.3430, 26.1488,
30.5526

■ 9.7203, 11.2166,
28.4411

■ 27.4800, 28.7862,
30.8964

■ 9.6137, 11.0499,
28.4146

■ 30.9731, 31.6487,
31.2648

■ 34.8343, 34.7430,
31.6585

■ 39.0746, 38.0753,
32.0782

■ 43.7049, 41.6515,
32.5245

Harmonies

Analogous

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



13.9309, 17.7061, 24.7219



15.0954, 17.7061, 29.4101



16.7994, 17.7061, 31.3071

Triad

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



15.0954, 17.7061, 29.4101



20.6257, 17.7061, 19.3643



15.1434, 17.7061, 11.7297

Complementary

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



15.0954, 17.7061, 29.4101



17.2221, 15.0774, 8.6596

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.



16.8589, 17.7061, 10.8096



15.0954, 17.7061, 29.4101



20.1037, 17.7061, 14.7000

Square

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



15.0954, 17.7061, 29.4101



20.0702, 17.7061, 24.8966



18.6907, 17.7061, 11.7910



13.9572, 17.7061, 14.5770

Rectangle

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



15.0954, 17.7061, 29.4101



18.0406, 17.7061, 30.5090



18.6907, 17.7061, 11.7910



15.6731, 17.7061, 11.2106

Sweetspot

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



15.0960, 17.7068, 29.4105



40.5120, 44.1753, 54.3650



15.1388, 22.5916, 14.6295



8.8017, 9.6436, 12.0697



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.



15.0960, 17.7068, 29.4105



24.0042, 28.5460, 52.2183



11.5853, 10.6854, 28.2403



5.4193, 5.8343, 6.8693



8.2697, 9.5254, 24.3798



0.0989, 0.1306, 0.2397

Inverse Universe

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



17.7687, 12.4824, 20.2124



29.5844, 18.7524, 32.7651



21.0637, 22.7608, 9.9401



5.5551, 5.4826, 6.4211



11.9773, 5.9479, 10.7976



0.1245, 0.0609, 0.1558

Previews

White Background



This preview shows how the XYZ color 15.0954, 17.7061, 29.4101 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 15.0954, 17.7061, 29.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

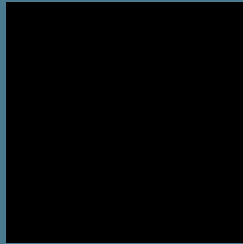
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0954, 17.7061, 29.4101

Background



This preview shows how black text looks on a background with the XYZ color 15.0954, 17.7061, 29.4101.



This preview shows how white text looks on a background with the XYZ color 15.0954, 17.7061,

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

15.0954, 17.7061, 29.4101

Protanopia

17.4199, 17.5344, 27.2773

Deuteranopia

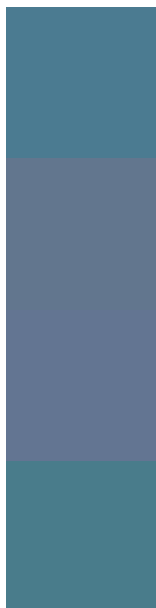
17.9659, 17.5860, 30.0513



Tritanopia

14.3793, 17.7942, 25.5984

Trichromacy



Original Color

15.0954, 17.7061, 29.4101

Protanomaly

16.3979, 17.5065, 28.1060

Deuteranomaly

16.6952, 17.4506, 29.6825

Tritanomaly

14.6155, 17.6959, 27.0714

Monochromacy



Original Color

15.0954, 17.7061, 29.4101

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7429, 16.2882, 21.1058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0954, 17.7061, 29.4101 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(75, 123, 145)` looks like.

```
.text, #text, p{  
    color:rgb(75, 123, 145)  
}
```

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(75, 123, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 123, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.0954, 17.7061, 29.4101 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(75, 123, 145) }
```


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

```
.border{ border-color:rgb(75, 123, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 123, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 123, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 123, 145);  
box-shadow:4px 4px 4px 4px rgb(75, 123,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0954, 17.7061, 29.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 123, 145) }
```

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

```
.background{ background-color: rgb(75, 123,  
145) }
```

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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