

Converting Colors

XYZ(15.0626, 17.7897, 24.8317)

Have a look what the booklet for
XYZ(15.0626, 17.7897, 24.8317)
contains.

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Color

**XYZ(15.0629, 17.7907,
24.8303)**

Conversions

Conversions Part 1

Format	Color
Hex	557B85
RGB	85, 123, 133
RGB Percent	33%, 48%, 52%
CMY	0.6667, 0.5176, 0.4784
CMYK	0.36, 0.08, 0.00, 0.48
HSL	192°, 22%, 43%
HSV	192°, 36%, 52%
XYZ	15.0629, 17.7907, 24.8303
YIQ	112.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

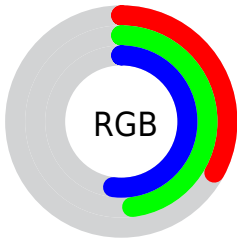
Format	Color
R _Y B	85, 106, 133
Decimal	5602181
CIE Lab	49.24, -10.63, -9.71
CIE LCh	49, 14.397, 222.387
Yxy	17.7907, 0.2611, 0.3084
Android (android.graphics.Color)	4283792261 (0xFF557B85)
YUV	112.7780, 9.9694, -24.3613
Hunter-Lab	42.1790, -10.0677, -5.3780

Details

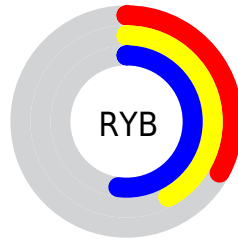
The XYZ color **15.0629, 17.7907, 24.8303** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.4050, 13.8269, 10.4517**, and the grayscale version is **15.6076, 16.4204, 17.8819**.

A 20% lighter version of the original color is **34.5416, 39.8301, 52.3218**, and **4.7766, 5.9127, 9.2770** is the 20% darker color. If you saturate the color by 10%, you get **13.6284, 16.5486, 24.6665**, and if you desaturate by 10%, it is **16.7352, 19.1707, 25.0088**.

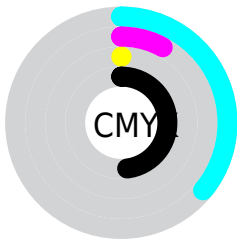
Distribution



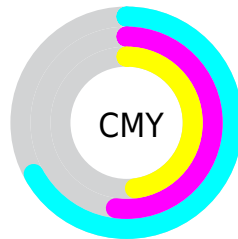
- Red (33%)
- Green (48%)
- Blue (52%)



- Red (33%)
- Yellow (42%)
- Blue (52%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0629, 17.7907, 24.8303 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 15.0629, 17.7907, 24.8303 by changing the saturation by 10% instead.

■ 15.0629, 17.7907,
24.8303

■ 15.0629, 17.7907,
24.8303

217.1275,
239.6887, 290.4123

■ 8.9501, 10.7998,
15.7328

■ 34.5342, 39.6804,
52.3425

■ 4.7655, 5.9324,
9.1830

■ 48.6235, 55.3479,
71.5943

■ 2.1437, 2.8040,
4.7623

■ 66.1024, 74.6765,
95.0679

■ 0.7128, 1.0303,
2.0522

■ 87.3361, 98.0505,
123.1818

■ 0.0000, 0.0000,
0.5871

■ 112.6902,
125.8544, 156.3547

■ 0.0000, 0.0000,
0.0000

142.5298,

158.4724, 195.0051

177.2205,
196.2890, 239.5514

■ 15.0629, 17.7907,
24.8303

■ 15.0629, 17.7907,
24.8303

■ 13.6284, 16.5486,
24.6665

■ 16.7352, 19.1707,
25.0088

■ 12.4173, 15.4355,
24.5155

■ 18.6555, 20.6926,
25.2014

■ 11.4159, 14.4448,
24.3770

■ 20.8353, 22.3631,
25.4089

■ 10.6087, 13.5683,
24.2504

■ 23.2851, 24.1875,
25.6319

■ 9.9773, 12.7964,
24.1346

■ 26.0146, 26.1709,
25.8709

■ 9.4921, 12.1136,
24.0284

■ 29.0330, 28.3184,
26.1263

■ 9.3155, 11.8572,
23.9882

■ 32.3492, 30.6344,
26.3986

■ 35.9717, 33.1236,
26.6881

■ 39.9084, 35.7901,
26.9953

Harmonies

Analogous

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



14.4976, 17.7907, 21.0108



15.0629, 17.7907, 24.8303



16.1358, 17.7907, 27.3603

Triad

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



15.0629, 17.7907, 24.8303



19.5076, 17.7907, 21.7100



16.3585, 17.7907, 12.9766

Complementary

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



15.0629, 17.7907, 24.8303



15.4050, 13.8269, 10.4517

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.



17.7076, 17.7907, 13.1114



15.0629, 17.7907, 24.8303



19.5751, 17.7907, 17.8189

Square

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



15.0629, 17.7907, 24.8303



18.7215, 17.7907, 25.4005



18.9012, 17.7907, 14.7771



15.2185, 17.7907, 14.3803

Rectangle

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



15.0629, 17.7907, 24.8303



17.0179, 17.7907, 27.7934



18.9012, 17.7907, 14.7771



16.8016, 17.7907, 12.8494

Sweetspot

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



15.0634, 17.7914, 24.8307



35.2377, 38.4697, 45.3066



14.1816, 19.5256, 13.7531



7.8411, 8.5919, 10.1978



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.0634, 17.7914, 24.8307



24.9140, 30.0851, 44.2323



12.4801, 12.6248, 23.9696



4.7215, 5.1186, 5.9399



8.8789, 11.3057, 22.8509



0.0359, 0.0494, 0.0809

Inverse Universe

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



16.4969, 12.9140, 20.3629



27.9289, 20.2870, 34.7323



17.8622, 18.7414, 11.2707



4.8174, 4.7467, 5.6510



11.6598, 5.7283, 13.3127



0.0430, 0.0209, 0.0597

Previews

White Background



This preview shows how the XYZ color 15.0629, 17.7907, 24.8303 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 15.0629, 17.7907, 24.8303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

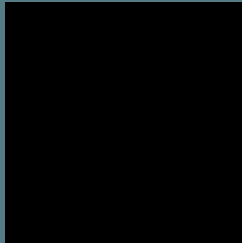
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0629, 17.7907, 24.8303

Background



This preview shows how black text looks on a background with the XYZ color 15.0629, 17.7907, 24.8303.



This preview shows how white text looks on a background with the XYZ color 15.0629, 17.7907,

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

15.0629, 17.7907, 24.8303

Protanopia

17.2119, 17.6941, 22.9302

Deuteranopia

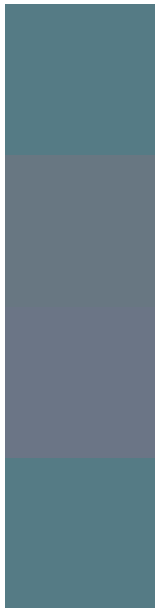
17.9982, 17.7058, 25.3906



Tritanopia

15.0629, 17.7907, 24.8303

Trichromacy



Original Color

15.0629, 17.7907, 24.8303

Protanomaly

16.3350, 17.7484, 23.6839

Deuteranomaly

16.7278, 17.5696, 25.0639

Tritanomaly

15.0629, 17.7907, 24.8303

Monochromacy



Original Color

15.0629, 17.7907, 24.8303

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3450, 16.9622, 20.2346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0629, 17.7907, 24.8303 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(85, 123, 133) looks like.

```
.text, #text, p{  
    color:rgb(85, 123, 133)  
}
```

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(85, 123, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 123, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.0629, 17.7907, 24.8303 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(85, 123, 133) }
```


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

```
.border{ border-color:rgb(85, 123, 133) }
```

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

Here you see how a box with a 4 pixel rgb(85, 123, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 123, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 123, 133);  
box-shadow:4px 4px 4px 4px rgb(85, 123,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0629, 17.7907, 24.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 123, 133) }
```

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

```
.background{ background-color: rgb(85, 123,  
133) }
```

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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