

Converting Colors

XYZ(17.6150, 19.9160, 31.0767)

Have a look what the booklet for
XYZ(17.6150, 19.9160, 31.0767)
contains.

XYZ(17.5787, 19.9036, 30.9323)	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(17.5787, 19.9036,
30.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8094
RGB	93, 128, 148
RGB Percent	36%, 50%, 58%
CMY	0.6353, 0.4980, 0.4196
CMYK	0.37, 0.14, 0.00, 0.42
HSL	202°, 23%, 47%
HSV	202°, 37%, 58%
XYZ	17.5787, 19.9036, 30.9323
YIQ	119.8150, -27.2800, -1.2000

Conversions

Conversions Part 2

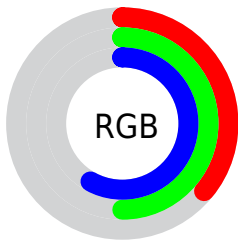
Format	Color
R_{YB}	93, 114, 148
Decimal	6127764
CIE _{Lab}	51.73, -7.06, -14.70
CIE _{LCh}	52, 16.310, 244.361
Yxy	19.9036, 0.2569, 0.2909
Android (android.graphics.Color)	4284317844 (0xFF5D8094)
YUV	119.8150, 13.8952, -23.5168
Hunter-Lab	44.6135, -7.7405, -9.8787

Details

The XYZ color **17.5787, 19.9036, 30.9323** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0941, 18.8970, 12.9450**, and the grayscale version is **17.7573, 18.6821, 20.3448**.

A 20% lighter version of the original color is **38.8616, 43.3318, 62.1928**, and **5.9499, 6.9686, 12.3407** is the 20% darker color. If you saturate the color by 10%, you get **15.5399, 17.8384, 30.6415**, and if you desaturate by 10%, it is **19.9460, 22.1943, 31.2500**.

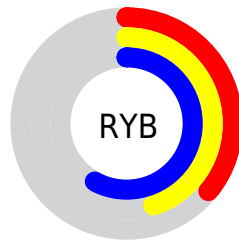
Distribution



Red (36%)

Green (50%)

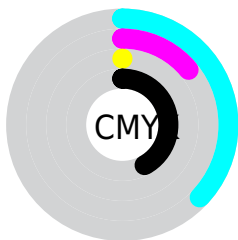
Blue (58%)



Red (36%)

Yellow (45%)

Blue (58%)

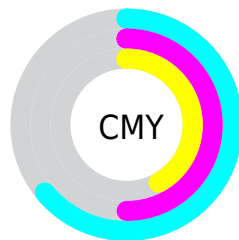


Cyan (37%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5787, 19.9036, 30.9323 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 17.5787, 19.9036, 30.9323 by changing the saturation by 10% instead.

■ 17.5787, 19.9036,
30.9323

■ 17.5787, 19.9036,
30.9323

231.5773,
251.3928, 320.5678

■ 10.7458, 12.3250,
20.2893

■ 38.8539, 43.2555,
62.2118

■ 5.9622, 6.9654,
12.4193

■ 54.0268, 59.7976,
83.6853

■ 2.8625, 3.4405,
6.9039

■ 72.7105, 80.0963,
109.6061

■ 1.0815, 1.3658,
3.3246

■ 95.2703, 104.5360,
140.3927

■ 0.0096, 0.1913,
1.2627

122.0715,
133.5011, 176.4637

■ 0.0000, 0.0000,
0.0309

153.4795,

■ 0.0000, 0.0000,

167.3760, 218.2375

0.0000

189.8597,
206.5451, 266.1327

■ 17.5787, 19.9036,
30.9323

■ 17.5787, 19.9036,
30.9323

■ 15.5399, 17.8384,
30.6415

■ 19.9460, 22.1943,
31.2500

■ 13.8102, 15.9865,
30.3752

■ 22.6558, 24.7173,
31.5942

■ 12.3713, 14.3381,
30.1329

■ 25.7237, 27.4818,
31.9661

■ 11.2017, 12.8812,
29.9133

■ 29.1637, 30.4959,
32.3666

■ 10.2768, 11.6022,
29.7152

■ 32.9889, 33.7670,
32.7963

■ 9.5546, 10.4786,
29.5363

■ 37.2119, 37.3024,
33.2562

■ 9.3645, 10.1763,
29.4880

■ 41.8447, 41.1091,
33.7468

■ 46.8986, 45.1936,
34.2688

■ 52.3846, 49.5624,
34.8229

Harmonies

Analogous

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



16.4192, 19.9036, 27.2114



17.5787, 19.9036, 30.9323



19.1599, 19.9036, 32.0455

Triad

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



17.5787, 19.9036, 30.9323



22.2587, 19.9036, 20.9885



17.1841, 19.9036, 15.0066

Complementary

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



17.5787, 19.9036, 30.9323



20.0941, 18.8970, 12.9450

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.



18.6777, 19.9036, 13.8197



17.5787, 19.9036, 30.9323



21.6578, 19.9036, 16.9399

Square

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



17.5787, 19.9036, 30.9323



21.9227, 19.9036, 25.8431



20.3232, 19.9036, 14.4726



16.2008, 19.9036, 17.9751

Rectangle

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



17.5787, 19.9036, 30.9323



20.2560, 19.9036, 31.0410



20.3232, 19.9036, 14.4726



17.6398, 19.9036, 14.4073

Sweetspot

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



17.5793, 19.9044, 30.9328



43.1126, 46.4575, 56.1295



18.0432, 24.6829, 19.2163



9.6912, 10.4698, 12.7949



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.



17.5793, 19.9044, 30.9328



27.8423, 31.9134, 54.1270



14.5381, 13.8219, 29.9190



5.7886, 6.2111, 7.3635



8.0251, 8.7449, 25.1960



0.1263, 0.1633, 0.3178

Inverse Universe

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



20.0239, 15.6838, 22.3947



32.9607, 23.7867, 36.0913



23.5306, 25.7699, 14.0905



5.9467, 5.8738, 6.8256



12.1778, 6.0762, 9.6831



0.1632, 0.0800, 0.1932

Previews

White Background



This preview shows how the XYZ color 17.5787, 19.9036, 30.9323 looks on a white 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

Black Background



This preview shows how the XYZ color 17.5787, 19.9036, 30.9323 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

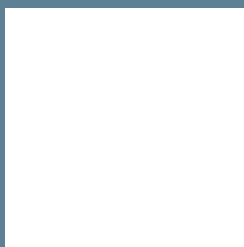
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5787, 19.9036, 30.9323

Background



This preview shows how black text looks on a background with the XYZ color 17.5787, 19.9036, 30.9323.



This preview shows how white text looks on a background with the XYZ color 17.5787, 19.9036,

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

17.5787, 19.9036, 30.9323

Protanopia

19.6013, 19.8546, 29.1848

Deuteranopia

20.2475, 19.7725, 31.6035



Tritanopia

16.8983, 19.8181, 27.7456

Trichromacy



Original Color

17.5787, 19.9036, 30.9323

Protanomaly

18.7489, 19.7746, 29.6168

Deuteranomaly

19.0633, 19.7154, 31.2345

Tritanomaly

17.2218, 19.9590, 28.9314

Monochromacy



Original Color

17.5787, 19.9036, 30.9323

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5426, 19.0926, 23.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5787, 19.9036, 30.9323 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(93, 128, 148) looks like.

```
.text, #text, p{  
    color:rgb(93, 128, 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(93, 128, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 128, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.5787, 19.9036, 30.9323 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(93, 128, 148) }
```


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

```
.border{ border-color:rgb(93, 128, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 128, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 128, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 128, 148);  
box-shadow:4px 4px 4px 4px rgb(93, 128,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5787, 19.9036, 30.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 128, 148) }
```

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

```
.background{ background-color: rgb(93, 128,  
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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