

Converting Colors

XYZ(17.8820, 19.8613, 30.8395)

Have a look what the booklet for
XYZ(17.8820, 19.8613, 30.8395)
contains.

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Color

**XYZ(17.8644, 19.8582,
30.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	617F94
RGB	97, 127, 148
RGB Percent	38%, 50%, 58%
CMY	0.6196, 0.5020, 0.4196
CMYK	0.34, 0.14, 0.00, 0.42
HSL	205°, 21%, 48%
HSV	205°, 34%, 58%
XYZ	17.8644, 19.8582, 30.9084
YIQ	120.4240, -24.6210, 0.1710

Conversions

Conversions Part 2

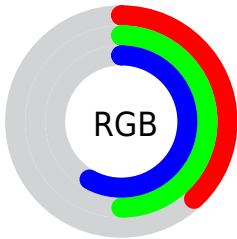
Format	Color
R _Y B	97, 116, 148
Decimal	6389652
CIE Lab	51.68, -5.30, -14.76
CIE LCh	52, 15.682, 250.246
Yxy	19.8582, 0.2603, 0.2893
Android (android.graphics.Color)	4284579732 (0xFF617F94)
YUV	120.4240, 13.5950, -20.5428
Hunter-Lab	44.5625, -6.4267, -9.9295

Details

The XYZ color **17.8644, 19.8582, 30.9084** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8492, 20.1161, 14.0937**, and the grayscale version is **17.9523, 18.8872, 20.5682**.

A 20% lighter version of the original color is **39.3764, 43.2963, 62.1588**, and **6.1010, 6.9402, 12.3273** is the 20% darker color. If you saturate the color by 10%, you get **15.6689, 17.5935, 30.5873**, and if you desaturate by 10%, it is **20.4030, 22.3713, 31.2600**.

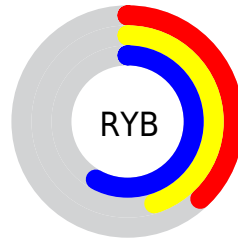
Distribution



Red (38%)

Green (50%)

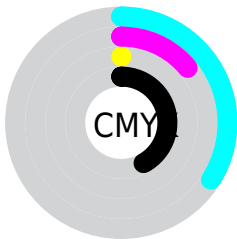
Blue (58%)



Red (38%)

Yellow (45%)

Blue (58%)

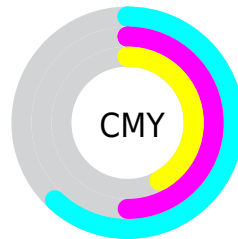


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (50%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8644, 19.8582, 30.9084 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 17.8644, 19.8582, 30.9084 by changing the saturation by 10% instead.

■ 17.8644, 19.8582,
30.9084

■ 17.8644, 19.8582,
30.9084

233.1660,
251.1464, 320.4542

■ 10.9518, 12.2920,
20.2712

■ 39.3380, 43.1793,
62.1737

■ 6.1015, 6.9429,
12.4063

■ 54.6297, 59.7030,
83.6389

■ 2.9481, 3.4264,
6.8951

■ 73.4452, 79.9814,
109.5506

■ 1.1264, 1.3582,
3.3192

■ 96.1497, 104.3988,
140.3272

■ 0.0470, 0.1856,
1.2598

123.1087,
133.3396, 176.3873

■ 0.0000, 0.0000,
0.0285

154.6876,

■ 0.0000, 0.0000,

167.1882, 218.1495

0.0000

191.2515,
206.3290, 266.0323

■ 17.8644, 19.8582,
30.9084

■ 17.8644, 19.8582,
30.9084

■ 15.6689, 17.5935,
30.5873

■ 20.4030, 22.3713,
31.2600

■ 13.7974, 15.5649,
30.2944

■ 23.2988, 25.1400,
31.6418

■ 12.2316, 13.7620,
30.0289

■ 26.5673, 28.1739,
32.0551

■ 10.9506, 12.1729,
29.7897

■ 30.2224, 31.4813,
32.5009

■ 9.9304, 10.7836,
29.5753

■ 34.2774, 35.0702,
32.9799

■ 9.1413, 9.5777,
29.3842

■ 38.7450, 38.9482,
33.4930

■ 8.7586, 8.9646,
29.2860

■ 43.6371, 43.1226,
34.0409

■ 48.9651, 47.6003,
34.6243

■ 54.7403, 52.3881,
35.2441

Harmonies

Analogous

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



16.6453, 19.8582, 27.7576



17.8644, 19.8582, 30.9084



19.4213, 19.8582, 31.3854

Triad

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



17.8644, 19.8582, 30.9084



22.0313, 19.8582, 20.1083



16.9755, 19.8582, 15.6274

Complementary

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



17.8644, 19.8582, 30.9084



20.8492, 20.1161, 14.0937

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.



18.3383, 19.8582, 14.1281



17.8644, 19.8582, 30.9084



21.2946, 19.8582, 16.4648

Square

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



17.8644, 19.8582, 30.9084



21.8868, 19.8582, 24.7045



19.9222, 19.8582, 14.4115



16.1523, 19.8582, 18.8076

Rectangle

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



17.8644, 19.8582, 30.9084



20.4498, 19.8582, 30.0613



19.9222, 19.8582, 14.4115



17.3825, 19.8582, 14.9318

Sweetspot

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



17.8650, 19.8590, 30.9089



43.4832, 46.5794, 56.1335



18.7546, 25.0154, 20.7937



9.7609, 10.4790, 12.7930



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.



17.8650, 19.8590, 30.9089



28.6126, 32.0564, 54.1140



15.0368, 14.2025, 29.9661



5.7659, 6.1658, 7.3560



7.5084, 7.7115, 25.0238



0.1210, 0.1526, 0.3160

Inverse Universe

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



20.3187, 16.3781, 22.1698



33.6907, 25.3848, 35.9085



24.1782, 26.7743, 15.2034



5.9353, 5.8692, 6.7653



11.9170, 5.9718, 8.3096



0.1606, 0.0790, 0.1791

Previews

White Background



This preview shows how the XYZ color 17.8644, 19.8582, 30.9084 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 17.8644, 19.8582, 30.9084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

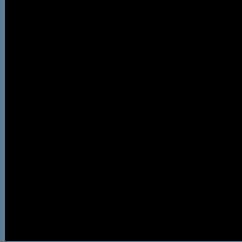
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.8644, 19.8582, 30.9084

Background



This preview shows how black text looks on a background with the XYZ color 17.8644, 19.8582, 30.9084.



This preview shows how white text looks on a background with the XYZ color 17.8644, 19.8582,

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

17.8644, 19.8582, 30.9084

Protanopia

19.4648, 19.7842, 29.1784

Deuteranopia

20.0264, 19.6678, 31.1745



Tritanopia

17.2298, 19.9975, 27.3779

Trichromacy



Original Color

17.8644, 19.8582, 30.9084

Protanomaly

18.7489, 19.7746, 29.6168

Deuteranomaly

19.1899, 19.7806, 31.2404

Tritanomaly

17.4255, 19.8781, 28.5096

Monochromacy



Original Color

17.8644, 19.8582, 30.9084

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7943, 19.2224, 23.8915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8644, 19.8582, 30.9084 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(97, 127, 148)` looks like.

```
.text, #text, p{  
    color:rgb(97, 127, 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(97, 127, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 127, 148) }
```

Border

The CSS property to change the border of an element to XYZ 17.8644, 19.8582, 30.9084 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(97, 127, 148) }
```


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

```
.border{ border-color:rgb(97, 127, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 127, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 127, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 127, 148);  
box-shadow:4px 4px 4px 4px rgb(97, 127,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8644, 19.8582, 30.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 127, 148) }
```

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

```
.background{ background-color: rgb(97, 127,  
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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