

Converting Colors

XYZ(19.5081, 18.4486, 27.5591)

Have a look what the booklet for
XYZ(19.5081, 18.4486, 27.5591)
contains.

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Color

**XYZ(19.5774, 18.4697,
27.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	7F728D
RGB	127, 114, 141
RGB Percent	50%, 45%, 55%
CMY	0.5020, 0.5529, 0.4471
CMYK	0.10, 0.19, 0.00, 0.45
HSL	269°, 11%, 50%
HSV	269°, 19%, 55%
XYZ	19.5774, 18.4697, 27.7325
YIQ	120.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

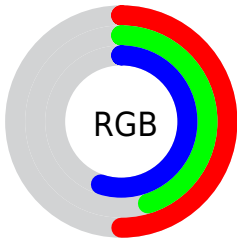
Format	Color
R_{YB}	127, 114, 141
Decimal	8352397
CIE _{Lab}	50.06, 10.54, -12.88
CIE _{LCh}	50, 16.642, 309.298
Yxy	18.4697, 0.2976, 0.2808
Android (android.graphics.Color)	4286542477 (0xFF7F728D)
YUV	120.9650, 9.8773, 5.2927
Hunter-Lab	42.9764, 6.1049, -8.1761

Details

The XYZ color **19.5774, 18.4697, 27.7325** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.4649, 24.8543, 19.5865**, and the grayscale version is **18.1324, 19.0767, 20.7745**.

A 20% lighter version of the original color is **42.3089, 40.9159, 57.2974**, and **6.9784, 6.2715, 10.7402** is the 20% darker color. If you saturate the color by 10%, you get **17.0584, 14.9897, 27.1938**, and if you desaturate by 10%, it is **22.4218, 22.4824, 28.3574**.

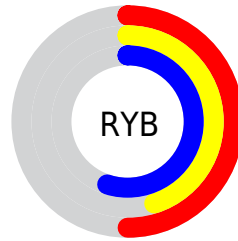
Distribution



Red (50%)

Green (45%)

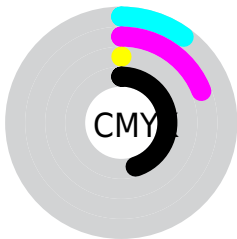
Blue (55%)



Red (50%)

Yellow (45%)

Blue (55%)

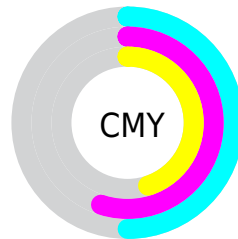


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (50%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5774, 18.4697, 27.7325 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 19.5774, 18.4697, 27.7325 by changing the saturation by 10% instead.

■ 19.5774, 18.4697,
27.7325

■ 19.5774, 18.4697,
27.7325

242.4955,
243.5053, 305.0581

■ 12.1947, 11.2877,
17.8868

■ 42.2169, 40.8361,
57.0750

■ 6.9496, 6.2607,
10.7002

■ 58.2044, 56.7893,
77.4090

■ 3.4766, 3.0043,
5.7540

■ 77.7909, 76.4350,
102.0761

■ 1.4105, 1.1340,
2.6297

■ 101.3417,
100.1576, 131.4949

■ 0.2637, 0.0067,
0.9077

129.2222,
128.3416, 166.0840

■ 0.0000, 0.0000,
0.0000

161.7978,

161.3713, 206.2618

199.4337,
199.6311, 252.4470

■ 19.5774, 18.4697,
27.7325

■ 19.5774, 18.4697,
27.7325

■ 17.0584, 14.9897,
27.1938

■ 22.4218, 22.4824,
28.3574

■ 14.8501, 12.0168,
26.7364

■ 25.6020, 27.0472,
29.0709

■ 12.9395, 9.5268,
26.3565

■ 29.1299, 32.1854,
29.8767

■ 11.3115, 7.4924,
26.0496

■ 33.0164, 37.9165,
30.7781

■ 9.9497, 5.8836,
25.8109

■ 37.2719, 44.2592,
31.7781

8.8360, 4.6667,
25.6347

41.9064, 51.2310,
32.8795

7.9491, 3.8025,
25.5146

46.9293, 58.8490,
34.0852

7.2404, 3.1965,
25.4350

52.3500, 67.1296,
35.3978

7.1837, 3.1479,
25.4286

58.1771, 76.0884,
36.8199

Harmonies

Analogous

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



18.0569, 18.4697, 30.1244



19.5774, 18.4697, 27.7325



20.5944, 18.4697, 23.3903

Triad

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



19.5774, 18.4697, 27.7325



18.6656, 18.4697, 12.9401



14.6892, 18.4697, 21.5685

Complementary

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



19.5774, 18.4697, 27.7325



21.4649, 24.8543, 19.5865

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.



14.8302, 18.4697, 17.1523



19.5774, 18.4697, 27.7325



17.0623, 18.4697, 12.6051

Square

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



19.5774, 18.4697, 27.7325



20.0462, 18.4697, 15.0280



15.6767, 18.4697, 14.0309



15.2791, 18.4697, 26.2260

Rectangle

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



19.5774, 18.4697, 27.7325



20.8160, 18.4697, 20.2186



15.6767, 18.4697, 14.0309



14.6535, 18.4697, 20.0025

Sweetspot

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



19.5780, 18.4705, 27.7329



41.8081, 42.6235, 51.1515



19.5192, 21.0441, 28.2328



9.2700, 9.4229, 11.4097



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.5780, 18.4705, 27.7329



33.0297, 30.2539, 49.2266



21.6576, 19.5426, 27.8302



5.3612, 5.3744, 6.7836



6.5683, 2.8797, 23.1867



0.0880, 0.0405, 0.2229

Inverse Universe

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



20.8987, 19.2566, 23.0384



35.8863, 31.9547, 39.0534



19.6199, 23.9032, 19.5001



5.5183, 5.4678, 6.2274



11.1239, 5.6066, 6.3037



0.1175, 0.0581, 0.1189

Previews

White Background



This preview shows how the XYZ color 19.5774, 18.4697, 27.7325 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 19.5774, 18.4697, 27.7325 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 19.5774, 18.4697, 27.7325

Background



This preview shows how black text looks on a background with the XYZ color 19.5774, 18.4697, 27.7325.



This preview shows how white text looks on a background with the XYZ color 19.5774, 18.4697,

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

19.5774, 18.4697, 27.7325

Protanopia

18.4519, 18.5479, 28.9931

Deuteranopia

18.7988, 18.4069, 27.7614



Tritanopia

18.5846, 18.5889, 22.3472

Trichromacy



Original Color

19.5774, 18.4697, 27.7325

Protanomaly

18.9270, 18.6277, 28.5845

Deuteranomaly

19.1068, 18.3955, 27.7430

Tritanomaly

18.9463, 18.5651, 24.0576

Monochromacy



Original Color

19.5774, 18.4697, 27.7325

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.5431, 18.7263, 23.0593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5774, 18.4697, 27.7325 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(127, 114, 141)` looks like.

```
.text, #text, p{  
    color:rgb(127, 114, 141)  
}
```

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(127, 114, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 114, 141) }
```

Border

The CSS property to change the border of an element to XYZ 19.5774, 18.4697, 27.7325 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(127, 114, 141) }
```


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

```
.border{ border-color:rgb(127, 114, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 114, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 114, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 114, 141);  
box-shadow:4px 4px 4px 4px rgb(127, 114,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5774, 18.4697, 27.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 114, 141) }
```

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

```
.background{ background-color: rgb(127,  
114, 141) }
```

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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