

Converting Colors

XYZ(16.0447, 19.0233, 27.7398)

Have a look what the booklet for
XYZ(16.0447, 19.0233, 27.7398)
contains.

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Color

**XYZ(15.9792, 18.9570,
27.6278)**

Conversions

Conversions Part 1

Format	Color
Hex	547F8C
RGB	84, 127, 140
RGB Percent	33%, 50%, 55%
CMY	0.6706, 0.5020, 0.4510
CMYK	0.40, 0.09, 0.00, 0.45
HSL	194°, 25%, 44%
HSV	194°, 40%, 55%
XYZ	15.9792, 18.9570, 27.6278
YIQ	115.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

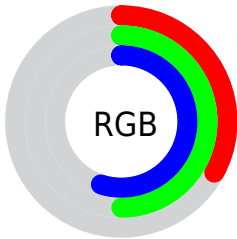
Format	Color
R_{YB}	84, 108, 140
Decimal	5537676
CIE _{Lab}	50.64, -11.27, -11.73
CIE _{LCh}	51, 16.264, 226.135
Yxy	18.9570, 0.2554, 0.3030
Android (android.graphics.Color)	4283727756 (0xFF547F8C)
YUV	115.6250, 12.0169, -27.7351
Hunter-Lab	43.5396, -10.6842, -7.1443

Details

The XYZ color **15.9792, 18.9570, 27.6278** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6906, 14.7654, 10.3585**, and the grayscale version is **16.4573, 17.3144, 18.8553**.

A 20% lighter version of the original color is **36.2122, 41.7718, 57.1931**, and **5.1971, 6.5103, 10.6556** is the 20% darker color. If you saturate the color by 10%, you get **14.4364, 17.5490, 27.4377**, and if you desaturate by 10%, it is **17.7872, 20.5227, 27.8350**.

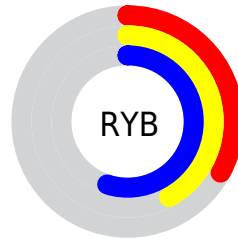
Distribution



Red (33%)

Green (50%)

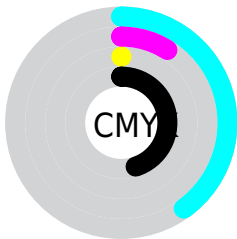
Blue (55%)



Red (33%)

Yellow (42%)

Blue (55%)

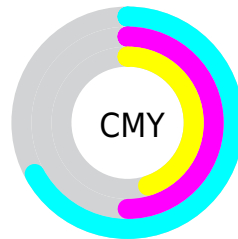


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9792, 18.9570, 27.6278 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 15.9792, 18.9570, 27.6278 by changing the saturation by 10% instead.

■ 15.9792, 18.9570,
27.6278

■ 15.9792, 18.9570,
27.6278

222.4918,
246.2113, 304.5399

■ 9.6002, 11.6392,
17.8087

■ 36.1198, 41.6614,
56.9056

■ 5.1949, 6.4985,
10.6447

■ 50.6122, 57.8169,
77.2013

■ 2.3980, 3.1505,
5.7173

■ 68.5396, 77.6870,
101.8264

■ 0.8441, 1.2108,
2.6080

■ 90.2676, 101.6561,
131.1993

■ 0.0000, 0.0705,
0.8966

■ 116.1615,
130.1087, 165.7385

■ 0.0000, 0.0000,
0.0000

146.5865,

163.4292, 205.8627

181.9082,
202.0019, 251.9903

■ 15.9792, 18.9570,
27.6278

■ 15.9792, 18.9570,
27.6278

■ 14.4364, 17.5490,
27.4377

■ 17.7872, 20.5227,
27.8350

■ 13.1418, 16.2884,
27.2626

■ 19.8726, 22.2512,
28.0588

■ 12.0794, 15.1673,
27.1022

■ 22.2488, 24.1501,
28.3001

■ 11.2303, 14.1757,
26.9555

■ 24.9278, 26.2258,
28.5595

■ 10.5724, 13.3019,
26.8216

■ 27.9210, 28.4843,
28.8377

■ 10.0440, 12.5141,
26.6973

■ 31.2392, 30.9313,
29.1351

■ 10.0439, 12.5140,
26.6973

■ 34.8926, 33.5723,
29.4523

■ 38.8910, 36.4125,
29.7898

■ 43.2437, 39.4568,
30.1480

Harmonies

Analogous

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



15.2349, 18.9570, 23.1740



15.9792, 18.9570, 27.6278



17.2945, 18.9570, 30.3745

Triad

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



15.9792, 18.9570, 27.6278



21.1560, 18.9570, 22.8136



17.1808, 18.9570, 13.3136

Complementary

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



15.9792, 18.9570, 27.6278



16.6906, 14.7654, 10.3585

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.



18.7615, 18.9570, 13.2466



15.9792, 18.9570, 27.6278



21.1211, 18.9570, 18.2995

Square

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



15.9792, 18.9570, 27.6278



20.3161, 18.9570, 27.3307



20.2234, 18.9570, 14.9441



15.9002, 18.9570, 15.1430

Rectangle

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



15.9792, 18.9570, 27.6278



18.3471, 18.9570, 30.6408



20.2234, 18.9570, 14.9441



17.6929, 18.9570, 13.0945

Sweetspot

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



15.9798, 18.9577, 27.6282



38.2347, 41.7957, 49.7952



15.1522, 21.4884, 14.4483



8.7003, 9.5435, 11.4630



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.



15.9798, 18.9577, 27.6282



25.7001, 31.1724, 48.4053



12.9348, 12.8677, 26.6132



5.0761, 5.4951, 6.3990



8.9397, 11.1497, 23.7266



0.0704, 0.0962, 0.1613

Inverse Universe

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



17.8168, 13.4490, 21.7363



29.5057, 20.4301, 36.0497



19.6403, 20.6648, 11.3417



5.1850, 5.1094, 6.0628



11.9992, 5.9098, 13.0318



0.0853, 0.0415, 0.1160

Previews

White Background



This preview shows how the XYZ color 15.9792, 18.9570, 27.6278 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 15.9792, 18.9570, 27.6278 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 15.9792, 18.9570, 27.6278

Background



This preview shows how black text looks on a background with the XYZ color 15.9792, 18.9570, 27.6278.



This preview shows how white text looks on a background with the XYZ color 15.9792, 18.9570,

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

15.9792, 18.9570, 27.6278

Protanopia

18.4412, 18.7945, 25.5774

Deuteranopia

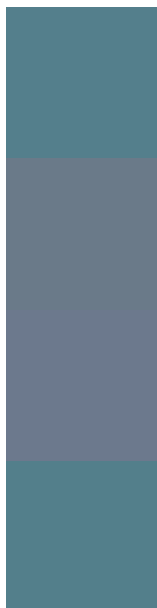
19.1289, 18.7405, 28.2003



Tritanopia

15.7441, 18.8527, 26.8539

Trichromacy



Original Color

15.9792, 18.9570, 27.6278

Protanomaly

17.4187, 18.7894, 26.3756

Deuteranomaly

17.8294, 18.7860, 27.8856

Tritanomaly

15.8169, 18.8818, 27.2370

Monochromacy



Original Color

15.9792, 18.9570, 27.6278

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1271, 17.8567, 21.9987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9792, 18.9570, 27.6278 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(84, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(84, 127, 140)  
}
```

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(84, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 127, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.9792, 18.9570, 27.6278 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(84, 127, 140) }
```


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

```
.border{ border-color:rgb(84, 127, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 127, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 127, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 127, 140);  
box-shadow:4px 4px 4px 4px rgb(84, 127,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9792, 18.9570, 27.6278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 127, 140) }
```

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

```
.background{ background-color: rgb(84, 127,  
140) }
```

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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