

Converting Colors

XYZ(18.3348, 19.1739, 28.4998)

Have a look what the booklet for
XYZ(18.3348, 19.1739, 28.4998)
contains.

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Color

**XYZ(18.2724, 19.1871,
28.3316)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7A8E
RGB	110, 122, 142
RGB Percent	43%, 48%, 56%
CMY	0.5686, 0.5216, 0.4431
CMYK	0.23, 0.14, 0.00, 0.44
HSL	217°, 13%, 49%
HSV	217°, 23%, 56%
XYZ	18.2724, 19.1871, 28.3316
YIQ	120.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

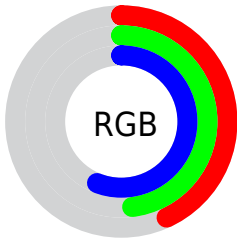
Format	Color
R _Y B	110, 119, 142
Decimal	7240334
CIE Lab	50.91, 0.19, -12.33
CIE LCh	51, 12.330, 270.872
Yxy	19.1871, 0.2777, 0.2916
Android (android.graphics.Color)	4285430414 (0xFF6E7A8E)
YUV	120.6920, 10.5048, -9.3769
Hunter-Lab	43.8031, -2.1943, -7.6863

Details

The XYZ color **18.2724, 19.1871, 28.3316** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9525, 22.8417, 18.0040**, and the grayscale version is **18.0455, 18.9852, 20.6749**.

A 20% lighter version of the original color is **40.0001, 41.9390, 58.2114**, and **6.3009, 6.5619, 11.0597** is the 20% darker color. If you saturate the color by 10%, you get **15.6050, 16.2680, 27.9091**, and if you desaturate by 10%, it is **21.3236, 22.4527, 28.8014**.

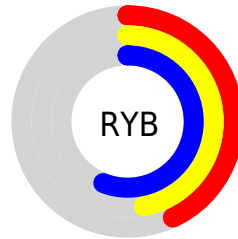
Distribution



Red (43%)

Green (48%)

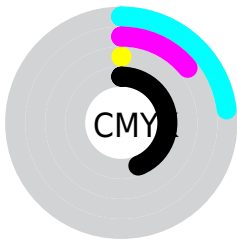
Blue (56%)



Red (43%)

Yellow (47%)

Blue (56%)

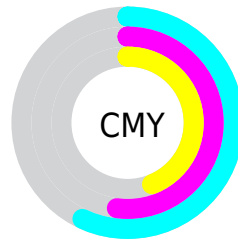


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2724, 19.1871, 28.3316 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 18.2724, 19.1871, 28.3316 by changing the saturation by 10% instead.

■ 18.2724, 19.1871,
28.3316

■ 18.2724, 19.1871,
28.3316

235.4180,
247.4797, 308.0097

■ 11.2466, 11.8056,
18.3346

■ 40.0274, 42.0500,
58.0429

■ 6.3015, 6.6114,
11.0185

■ 55.4873, 58.3002,
78.5942

■ 3.0716, 3.2203,
5.9650

■ 74.4893, 78.2753,
103.5007

■ 1.1918, 1.2478,
2.7553

■ 97.3987, 102.3598,
133.1809

■ 0.0999, 0.1002,
0.9711

124.5810,
130.9382, 168.0534

■ 0.0000, 0.0000,
0.0000

156.4013,

164.3946, 208.5366

193.2252,
203.1137, 255.0492

■ 18.2724, 19.1871,
28.3316

■ 18.2724, 19.1871,
28.3316

■ 15.6050, 16.2680,
27.9091

■ 21.3236, 22.4527,
28.8014

■ 13.3036, 13.6810,
27.5310

■ 24.7721, 26.0742,
29.3187

■ 11.3514, 11.4136,
27.1963

■ 28.6326, 30.0632,
29.8852

■ 9.7297, 9.4521,
26.9031

■ 32.9187, 34.4303,
30.5022

■ 8.4176, 7.7810,
26.6497

■ 37.6433, 39.1855,
31.1710

■ 7.3918, 6.3837,
26.4341

■ 42.8187, 44.3386,
31.8929

■ 6.6251, 5.2410,
26.2539

■ 48.4568, 49.8988,
32.6690

■ 6.1675, 4.5229,
26.1394

■ 54.5689, 55.8751,
33.5004

■ 61.1661, 62.2763,
34.3882

Harmonies

Analogous

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



17.1217, 19.1871, 27.3071



18.2724, 19.1871, 28.3316



19.4636, 19.1871, 27.1854

Triad

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



18.2724, 19.1871, 28.3316



20.3192, 19.1871, 17.6389



16.2687, 19.1871, 17.7972

Complementary

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



18.2724, 19.1871, 28.3316



21.9525, 22.8417, 18.0040

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.



17.0626, 19.1871, 15.6527



18.2724, 19.1871, 28.3316



19.3993, 19.1871, 15.5687

Square

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



18.2724, 19.1871, 28.3316



20.6772, 19.1871, 20.7897



18.2012, 19.1871, 14.8833



15.9964, 19.1871, 20.9937

Rectangle

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



18.2724, 19.1871, 28.3316



20.1123, 19.1871, 25.4108



18.2012, 19.1871, 14.8833



16.4816, 19.1871, 16.9426

Sweetspot

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



18.2730, 19.1879, 28.3320



40.7904, 42.9552, 51.2692



20.1151, 24.2659, 24.6493



9.0454, 9.5257, 11.4413



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.



18.2730, 19.1879, 28.3320



29.7750, 31.1730, 49.5756



17.3635, 16.6648, 27.8930



5.2850, 5.5657, 6.8245



5.5540, 4.0941, 23.4746



0.0731, 0.0791, 0.2311

Inverse Universe

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



20.2446, 18.3082, 20.8801



33.9189, 29.4863, 33.8766



23.0132, 25.8982, 18.5381



5.4873, 5.4555, 6.0642



10.6065, 5.3996, 3.5794



0.1115, 0.0557, 0.0873

Previews

White Background



This preview shows how the XYZ color 18.2724, 19.1871, 28.3316 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 18.2724, 19.1871, 28.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

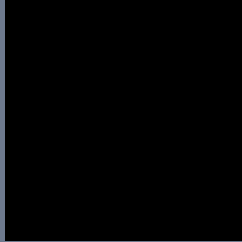
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

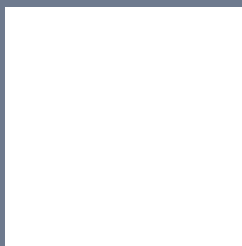
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2724, 19.1871, 28.3316

Background



This preview shows how black text looks on a background with the XYZ color 18.2724, 19.1871, 28.3316.



This preview shows how white text looks on a background with the XYZ color 18.2724, 19.1871,

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

18.2724, 19.1871, 28.3316

Protanopia

18.8603, 19.1379, 27.8992

Deuteranopia

19.4624, 19.0776, 28.6432



Tritanopia

17.5009, 19.0475, 24.9444

Trichromacy



Original Color

18.2724, 19.1871, 28.3316

Protanomaly

18.5845, 19.1752, 27.9210

Deuteranomaly

19.0260, 19.0284, 28.6567

Tritanomaly

17.8336, 19.1947, 26.0576

Monochromacy



Original Color

18.2724, 19.1871, 28.3316

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.1359, 19.0416, 23.4884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2724, 19.1871, 28.3316 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(110, 122, 142)` looks like.

```
.text, #text, p{  
    color:rgb(110, 122, 142)  
}
```

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(110, 122, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 122, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.2724, 19.1871, 28.3316 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(110, 122, 142) }
```


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

```
.border{ border-color:rgb(110, 122, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 122, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 122, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 122, 142);  
box-shadow:4px 4px 4px 4px rgb(110, 122,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2724, 19.1871, 28.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 122, 142) }
```

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

```
.background{ background-color: rgb(110,  
122, 142) }
```

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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