

Converting Colors

XYZ(21.1819, 24.2945, 28.3838)

Have a look what the booklet for
XYZ(21.1819, 24.2945, 28.3838)
contains.

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Color

**XYZ(21.1819, 24.2945,
28.3838)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 738C8C |
| RGB | 115, 140, 140 |
| RGB Percent | 45%, 55%, 55% |
| CMY | 0.5490, 0.4510, 0.4510 |
| CMYK | 0.18, 0.00, 0.00, 0.45 |
| HSL | 180°, 10%, 50% |
| HSV | 180°, 18%, 55% |
| XYZ | 21.1819, 24.2945, 28.3838 |
| YIQ | 132.5250, -14.9000, -5.3000 |

Conversions

Conversions Part 2

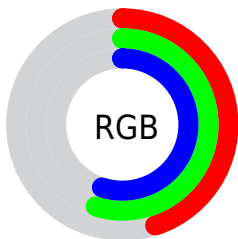
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 115, 128, 140 |
| Decimal | 7572620 |
| CIE Lab | 56.38, -8.85, -2.97 |
| CIE LCh | 56, 9.331, 198.533 |
| Yxy | 24.2945, 0.2868, 0.3289 |
| Android (android.graphics.Color) | 4285762700 (0xFF738C8C) |
| YUV | 132.5250, 3.6852, -15.3694 |
| Hunter-Lab | 49.2895, -9.5470, 0.3599 |

Details

The XYZ color **21.1819, 24.2945, 28.3838** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0413, 19.0753, 18.8463**, and the grayscale version is **22.1133, 23.2650, 25.3355**.

A 20% lighter version of the original color is **44.8538, 50.6493, 57.8643**, and **7.7484, 9.2088, 11.0419** is the 20% darker color. If you saturate the color by 10%, you get **19.4790, 23.4173, 28.3041**, and if you desaturate by 10%, it is **23.1658, 25.3179, 28.4777**.

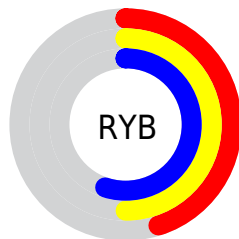
Distribution



Red (45%)

Green (55%)

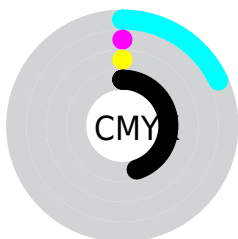
Blue (55%)



Red (45%)

Yellow (50%)

Blue (55%)

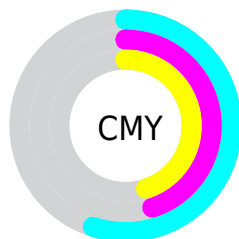


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1819, 24.2945, 28.3838 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 21.1819, 24.2945, 28.3838 by changing the saturation by 10% instead.

■ 21.1819, 24.2945,
28.3838

■ 21.1819, 24.2945,
28.3838

250.9571,
274.3060, 308.2658

■ 13.3702, 15.5522,
18.3736

■ 44.8791, 50.5104,
58.1271

■ 7.7627, 9.2079,
11.0463

■ 61.4953, 68.7527,
78.6972

■ 3.9940, 4.8770,
5.9835

■ 81.7771, 90.9306,
103.6245

■ 1.6988, 2.1753,
2.7664

106.0898,
117.4283, 133.3274

■ 0.4555, 0.7065,
0.9766

134.7988,
148.6303, 168.2244

■ 0.0000, 0.0000,
0.0000

168.2695,

184.9210, 208.7341

206.8671,
226.6848, 255.2750

■ 21.1819, 24.2945,
28.3838

■ 21.1819, 24.2945,
28.3838

■ 19.4790, 23.4173,
28.3041

■ 23.1658, 25.3179,
28.4777

■ 18.0426, 22.6768,
28.2364

■ 25.4404, 26.4905,
28.5846

■ 16.8596, 22.0669,
28.1805

■ 28.0175, 27.8190,
28.7058

■ 15.9155, 21.5802,
28.1358

■ 30.9077, 29.3089,
28.8415

■ 15.1939, 21.2083,
28.1015

■ 34.1209, 30.9654,
28.9924

■ 14.6767, 20.9417,
28.0768

■ 37.6668, 32.7933,
29.1589

■ 14.3427, 20.7695,
28.0606

■ 41.5544, 34.7975,
29.3413

■ 14.1490, 20.6696,
28.0511

■ 45.7927, 36.9824,
29.5402

■ 14.1114, 20.6503,
28.0492

■ 50.3901, 39.3524,
29.7559

Harmonies

Analogous

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



21.1196, 24.2945, 25.2903



21.1819, 24.2945, 28.3838



21.7462, 24.2945, 31.1528

Triad

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



21.1819, 24.2945, 28.3838



24.6788, 24.2945, 30.5797



23.5056, 24.2945, 21.0529

Complementary

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



21.1819, 24.2945, 28.3838



20.0413, 19.0753, 18.8463

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.



24.4906, 24.2945, 22.2506



21.1819, 24.2945, 28.3838



25.1819, 24.2945, 27.6499

Square

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



21.1819, 24.2945, 28.3838



23.7560, 24.2945, 32.4870



25.1119, 24.2945, 24.6110



22.4389, 24.2945, 21.2159

Rectangle

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



21.1819, 24.2945, 28.3838



22.3412, 24.2945, 32.3679



25.1119, 24.2945, 24.6110



23.8578, 24.2945, 21.3058

Sweetspot

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



21.1826, 24.2955, 28.3843



41.8923, 45.1767, 50.2545



19.5984, 23.6682, 19.7554



9.5975, 10.3812, 11.5772



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.



21.1826, 24.2955, 28.3843



36.2121, 42.2485, 49.9872



19.5128, 20.9556, 27.8286



5.1728, 5.6886, 6.4311



12.5380, 18.3478, 24.9218



0.0833, 0.1219, 0.1656

Inverse Universe

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



20.0413, 19.0753, 18.8463



33.8551, 31.4678, 30.2893



21.5107, 22.0144, 19.3354



5.0329, 5.0486, 5.2617



9.6099, 4.9541, 0.4501



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 21.1819, 24.2945, 28.3838 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 21.1819, 24.2945, 28.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

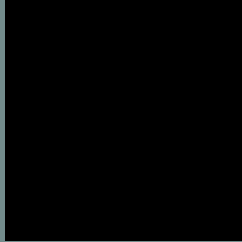
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

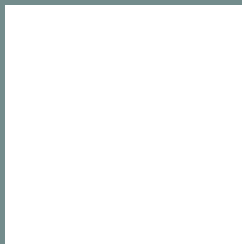
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1819, 24.2945, 28.3838

Background



This preview shows how black text looks on a background with the XYZ color 21.1819, 24.2945, 28.3838.



This preview shows how white text looks on a background with the XYZ color 21.1819, 24.2945,

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

21.1819, 24.2945, 28.3838

Protanopia

23.3570, 24.1747, 27.1020

Deuteranopia

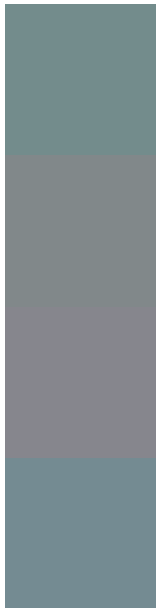
24.6758, 24.2053, 28.9627



Tritanopia

22.0738, 24.4492, 32.4099

Trichromacy



Original Color

21.1819, 24.2945, 28.3838

Protanomaly

22.4449, 24.1104, 27.5156

Deuteranomaly

23.1643, 24.0416, 28.6189

Tritanomaly

21.6234, 24.2536, 30.7359

Monochromacy



Original Color

21.1819, 24.2945, 28.3838

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8523, 23.8215, 26.7388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1819, 24.2945, 28.3838 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(115, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(115, 140, 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(115, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.1819, 24.2945, 28.3838 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(115, 140, 140) }
```


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

```
.border{ border-color:rgb(115, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(115, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1819, 24.2945, 28.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 140, 140) }
```

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

```
.background{ background-color: rgb(115,  
140, 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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