

Converting Colors

XYZ(19.1846, 19.9533, 28.9364)

Have a look what the booklet for
XYZ(19.1846, 19.9533, 28.9364)
contains.

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Color

**XYZ(19.2358, 20.0433,
28.8415)**

Conversions

Conversions Part 1

Format	Color
Hex	737C8F
RGB	115, 124, 143
RGB Percent	45%, 49%, 56%
CMY	0.5490, 0.5137, 0.4392
CMYK	0.20, 0.13, 0.00, 0.44
HSL	221°, 11%, 51%
HSV	221°, 20%, 56%
XYZ	19.2358, 20.0433, 28.8415
YIQ	123.4750, -11.4630, 4.0010

Conversions

Conversions Part 2

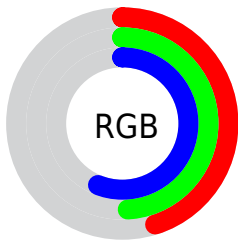
Format	Color
R_{YB}	115, 122, 143
Decimal	7568527
CIE Lab	51.89, 0.95, -11.40
CIE LCh	52, 11.439, 274.741
Yxy	20.0433, 0.2824, 0.2942
Android (android.graphics.Color)	4285758607 (0xFF737C8F)
YUV	123.4750, 9.6258, -7.4326
Hunter-Lab	44.7697, -1.6526, -6.8569

Details

The XYZ color **19.2358, 20.0433, 28.8415** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.9475, 24.1276, 19.6678**, and the grayscale version is **18.9561, 19.9433, 21.7182**.

A 20% lighter version of the original color is **41.5397, 43.2974, 58.9912**, and **6.7386, 6.9807, 11.3482** is the 20% darker color. If you saturate the color by 10%, you get **16.3426, 16.8351, 28.3751**, and if you desaturate by 10%, it is **22.5416, 23.6429, 29.3624**.

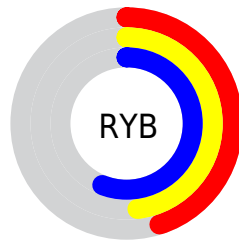
Distribution



Red (45%)

Green (49%)

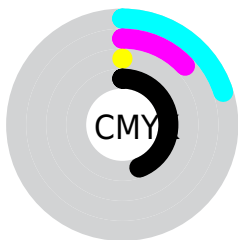
Blue (56%)



Red (45%)

Yellow (48%)

Blue (56%)

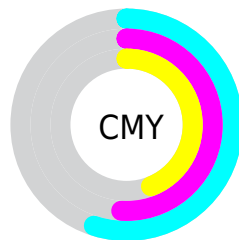


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2358, 20.0433, 28.8415 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 19.2358, 20.0433, 28.8415 by changing the saturation by 10% instead.

■ 19.2358, 20.0433,
28.8415

■ 19.2358, 20.0433,
28.8415

240.6606,
252.1494, 310.5039

■ 11.9458, 12.4265,
18.7164

■ 41.6460, 43.4898,
58.8643

■ 6.7787, 7.0349,
11.2908

■ 57.4968, 60.0882,
79.5992

■ 3.3692, 3.4839,
6.1462

■ 76.9321, 80.4494,
104.7077

■ 1.3519, 1.3893,
2.8639

100.3170,
104.9577, 134.6083

■ 0.2215, 0.2088,
1.0256

128.0169,
133.9974, 169.7198

■ 0.0000, 0.0000,
0.0000

160.3973,

167.9530, 210.4605

197.8234,
207.2089, 257.2490

■ 19.2358, 20.0433,
28.8415

■ 19.2358, 20.0433,
28.8415

■ 16.3426, 16.8351,
28.3751

■ 22.5416, 23.6429,
29.3624

■ 13.8434, 14.0020,
27.9599

■ 26.2740, 27.6445,
29.9380

■ 11.7207, 11.5301,
27.5947

■ 30.4487, 32.0613,
30.5705

■ 9.9549, 9.4039,
27.2774

■ 35.0798, 36.9052,
31.2614

■ 8.5247, 7.6063,
27.0058

■ 40.1810, 42.1876,
32.0122

■ 7.4061, 6.1187,
26.7776

■ 45.7653, 47.9194,
32.8242

■ 6.5715, 4.9203,
26.5903

■ 51.8451, 54.1112,
33.6989

■ 5.9574, 3.9708,
26.4394

■ 58.4324, 60.7732,
34.6376

■ 5.9339, 3.9350,
26.4337

■ 65.5390, 67.9152,
35.6416

Harmonies

Analogous

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



18.1130, 20.0433, 28.1369



19.2358, 20.0433, 28.8415



20.3523, 20.0433, 27.5151

Triad

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



19.2358, 20.0433, 28.8415



20.9460, 20.0433, 18.3768



17.1006, 20.0433, 19.2057

Complementary

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



19.2358, 20.0433, 28.8415



22.9475, 24.1276, 19.6678

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.



17.8055, 20.0433, 16.9768



19.2358, 20.0433, 28.8415



20.0199, 20.0433, 16.5335

Square

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



19.2358, 20.0433, 28.8415



21.3649, 20.0433, 21.2992



18.8665, 20.0433, 16.0481



16.9097, 20.0433, 22.3568

Rectangle

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



19.2358, 20.0433, 28.8415



20.9337, 20.0433, 25.7297



18.8665, 20.0433, 16.0481



17.2839, 20.0433, 18.3345

Sweetspot

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



19.2364, 20.0441, 28.8420



42.5882, 44.7321, 52.9275



21.1729, 25.0021, 26.1429



9.6817, 10.1670, 12.1243



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.2364, 20.0441, 28.8420



32.3386, 33.5688, 51.3130



18.7887, 18.2144, 28.5124



5.2623, 5.5205, 6.8170



5.2640, 3.5140, 23.3779



0.0686, 0.0702, 0.2296

Inverse Universe

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



21.0970, 19.5568, 21.7326



36.2534, 32.6414, 36.3325



23.4538, 26.3148, 20.0632



5.4759, 5.4509, 6.0040



10.4601, 5.3411, 2.8084



0.1092, 0.0548, 0.0754

Previews

White Background



This preview shows how the XYZ color 19.2358, 20.0433, 28.8415 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 19.2358, 20.0433, 28.8415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

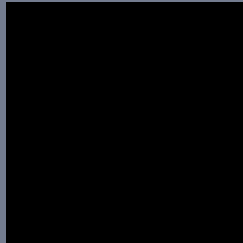
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

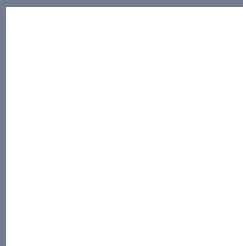
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2358, 20.0433, 28.8415

Background



This preview shows how black text looks on a background with the XYZ color 19.2358, 20.0433, 28.8415.

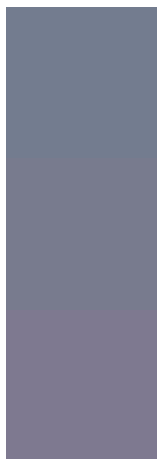


This preview shows how white text looks on a background with the XYZ color 19.2358, 20.0433,

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

19.2358, 20.0433, 28.8415

Protanopia

19.7112, 20.1120, 28.4343

Deuteranopia

20.4756, 20.1240, 29.1907



Tritanopia

18.6462, 19.9939, 25.7981

Trichromacy



Original Color

19.2358, 20.0433, 28.8415

Protanomaly

19.4367, 19.9705, 28.4214

Deuteranomaly

20.0196, 20.0703, 29.2044

Tritanomaly

18.8605, 20.0796, 26.9265

Monochromacy



Original Color

19.2358, 20.0433, 28.8415

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8580, 19.7707, 23.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2358, 20.0433, 28.8415 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, 124, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 124, 143)  
}
```

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, 124, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 124, 143) }
```

Border

The CSS property to change the border of an element to XYZ 19.2358, 20.0433, 28.8415 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, 124, 143) }
```


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

```
.border{ border-color:rgb(115, 124, 143) }
```

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

Here you see how a box with a 4 pixel rgb(115, 124, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 124, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 124, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 124,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2358, 20.0433, 28.8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 124, 143) }
```

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

```
.background{ background-color: rgb(115,  
124, 143) }
```

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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