

Converting Colors

XYZ(17.3652, 19.7562, 23.1480)

Have a look what the booklet for
XYZ(17.3652, 19.7562, 23.1480)
contains.

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Color

**XYZ(17.4295, 19.8014,
23.3255)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7F80
RGB	106, 127, 128
RGB Percent	42%, 50%, 50%
CMY	0.5843, 0.5020, 0.4980
CMYK	0.17, 0.01, 0.00, 0.50
HSL	183°, 9%, 46%
HSV	183°, 17%, 50%
XYZ	17.4295, 19.8014, 23.3255
YIQ	120.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

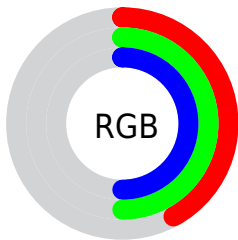
Format	Color
R_{YB}	106, 117, 128
Decimal	6979456
CIE _{Lab}	51.61, -7.36, -3.10
CIE _{LCh}	52, 7.990, 202.815
Yxy	19.8014, 0.2878, 0.3270
Android (android.graphics.Color)	4285169536 (0xFF6A7F80)
YUV	120.8350, 3.5323, -13.0103
Hunter-Lab	44.4988, -7.9571, 0.0703

Details

The XYZ color **17.4295, 19.8014, 23.3255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7615, 16.1452, 15.8689**, and the grayscale version is **18.1131, 19.0564, 20.7524**.

A 20% lighter version of the original color is **38.7623, 43.2478, 50.0207**, and **5.8806, 6.9128, 8.4215** is the 20% darker color. If you saturate the color by 10%, you get **15.9459, 18.9260, 23.2350**, and if you desaturate by 10%, it is **19.1418, 20.7963, 23.4276**.

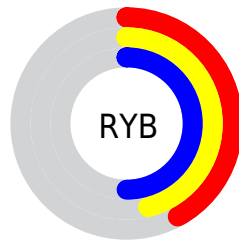
Distribution



Red (42%)

Green (50%)

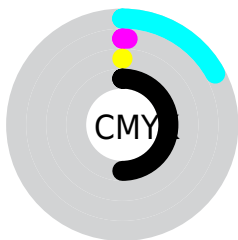
Blue (50%)



Red (42%)

Yellow (46%)

Blue (50%)

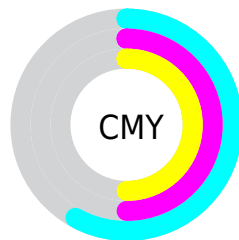


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4295, 19.8014, 23.3255 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 17.4295, 19.8014, 23.3255 by changing the saturation by 10% instead.

■ 17.4295, 19.8014,
23.3255

■ 17.4295, 19.8014,
23.3255

230.7437,
250.8379, 282.5684

■ 10.6384, 12.2508,
14.6265

■ 38.6005, 43.0840,
49.8572

■ 5.8897, 6.9147,
8.4140

■ 53.7111, 59.5847,
68.5270

■ 2.8182, 3.4088,
4.2694

■ 72.3256, 79.8376,
91.3574

■ 1.0583, 1.3487,
1.7743

■ 94.8094, 104.2270,
118.7670

■ 0.0000, 0.1784,
0.4109

121.5277,
133.1373, 151.1744

■ 0.0000, 0.0000,
0.0000

152.8460,

166.9530, 188.9980

189.1295,
206.0584, 232.6565

■ 17.4295, 19.8014,
23.3255

■ 17.4295, 19.8014,
23.3255

■ 15.9459, 18.9260,
23.2350

■ 19.1418, 20.7963,
23.4276

■ 14.6791, 18.1626,
23.1545

■ 21.0905, 21.9133,
23.5405

■ 13.6191, 17.5064,
23.0837

■ 23.2850, 23.1575,
23.6650

■ 12.7541, 16.9513,
23.0221

■ 25.7336, 24.5335,
23.8015

■ 12.0712, 16.4908,
22.9692

■ 28.4445, 26.0453,
23.9504

■ 11.5561, 16.1174,
22.9243

■ 31.4253, 27.6969,
24.1121

■ 11.1921, 15.8225,
22.8866

■ 34.6834, 29.4920,
24.2869

■ 10.9447, 15.5884,
22.8544

■ 38.2258, 31.4344,
24.4751

■ 10.8795, 15.5249,
22.8456

■ 42.0593, 33.5275,
24.6771

Harmonies

Analogous

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



17.3262, 19.8014, 21.0106



17.4295, 19.8014, 23.3255



17.9005, 19.8014, 25.2887

Triad

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



17.4295, 19.8014, 23.3255



20.0810, 19.8014, 24.3524



19.0149, 19.8014, 17.4541

Complementary

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



17.4295, 19.8014, 23.3255



16.7615, 16.1452, 15.8689

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.



19.7718, 19.8014, 18.2177



17.4295, 19.8014, 23.3255



20.3986, 19.8014, 22.1196

Square

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



17.4295, 19.8014, 23.3255



19.4273, 19.8014, 25.9105



20.2839, 19.8014, 19.8866



18.2268, 19.8014, 17.7266

Rectangle

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



17.4295, 19.8014, 23.3255



18.3670, 19.8014, 26.0792



20.2839, 19.8014, 19.8866



19.2817, 19.8014, 17.5962

Sweetspot

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



17.4301, 19.8022, 23.3259



34.3777, 37.0041, 41.2869



16.3032, 19.5588, 16.7528



8.0032, 8.6374, 9.6637



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.4301, 19.8022, 23.3259



29.5172, 34.1767, 40.9973



16.1167, 17.1754, 22.8881



4.4302, 4.8545, 5.5168



10.7880, 15.3944, 22.6528



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8873, 16.4300, 22.3081



30.4984, 26.9837, 38.8037



17.9510, 18.5243, 16.2655



4.4900, 4.4092, 5.3848



12.3222, 5.9486, 18.8184



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4295, 19.8014, 23.3255 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 17.4295, 19.8014, 23.3255 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

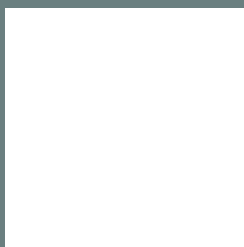
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4295, 19.8014, 23.3255

Background



This preview shows how black text looks on a background with the XYZ color 17.4295, 19.8014, 23.3255.



This preview shows how white text looks on a background with the XYZ color 17.4295, 19.8014,

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

17.4295, 19.8014, 23.3255

Protanopia

18.9734, 19.6848, 22.2016

Deuteranopia

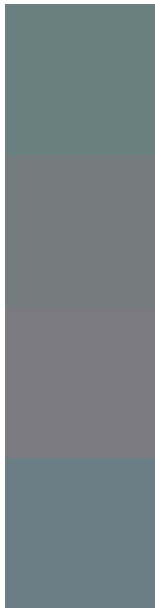
20.1418, 19.7109, 23.8621



Tritanopia

17.9682, 19.8251, 26.1722

Trichromacy



Original Color

17.4295, 19.8014, 23.3255

Protanomaly

18.3097, 19.7036, 22.5768

Deuteranomaly

19.0904, 19.7150, 23.5681

Tritanomaly

17.7579, 19.7410, 25.0647

Monochromacy



Original Color

17.4295, 19.8014, 23.3255

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.9235, 19.3342, 21.8560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4295, 19.8014, 23.3255 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(106, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 127, 128)  
}
```

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(106, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 127, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.4295, 19.8014, 23.3255 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(106, 127, 128) }
```


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

```
.border{ border-color:rgb(106, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 127,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4295, 19.8014, 23.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 127, 128) }
```

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

```
.background{ background-color: rgb(106,  
127, 128) }
```

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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