

Converting Colors

XYZ(15.9197, 17.9319, 22.8847)

Have a look what the booklet for
XYZ(15.9197, 17.9319, 22.8847)
contains.

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Color

**XYZ(15.9892, 17.9426,
23.0426)**

Conversions

Conversions Part 1

Format	Color
Hex	647980
RGB	100, 121, 128
RGB Percent	39%, 47%, 50%
CMY	0.6078, 0.5255, 0.4980
CMYK	0.22, 0.05, 0.00, 0.50
HSL	195°, 12%, 45%
HSV	195°, 22%, 50%
XYZ	15.9892, 17.9426, 23.0426
YIQ	115.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

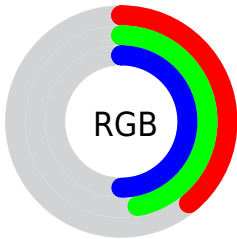
Format	Color
R_{YB}	100, 112, 128
Decimal	6584704
CIE _{Lab}	49.43, -6.00, -6.38
CIE _{LCh}	49, 8.755, 226.783
Yxy	17.9426, 0.2806, 0.3149
Android (android.graphics.Color)	4284774784 (0xFF647980)
YUV	115.5190, 6.1531, -13.6102
Hunter-Lab	42.3587, -6.7491, -2.6019

Details

The XYZ color **15.9892, 17.9426, 23.0426** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4602, 16.0247, 14.2825**, and the grayscale version is **16.4389, 17.2951, 18.8343**.

A 20% lighter version of the original color is **36.0466, 39.8026, 49.4989**, and **5.1448, 5.9293, 8.2704** is the 20% darker color. If you saturate the color by 10%, you get **14.3010, 16.5051, 22.8544**, and if you desaturate by 10%, it is **17.9139, 19.5221, 23.2463**.

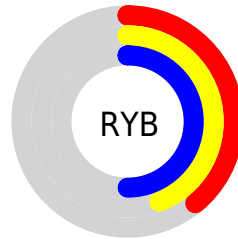
Distribution



Red (39%)

Green (47%)

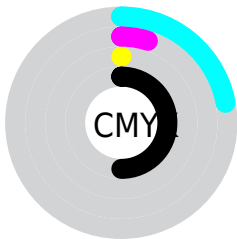
Blue (50%)



Red (39%)

Yellow (44%)

Blue (50%)

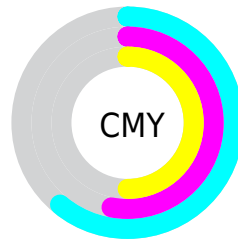


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (61%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9892, 17.9426, 23.0426 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 15.9892, 17.9426, 23.0426 by changing the saturation by 10% instead.

■ 15.9892, 17.9426,
23.0426

■ 15.9892, 17.9426,
23.0426

222.5496,
240.5473, 281.0727

■ 9.6073, 10.9088,
14.4194

■ 36.1371, 39.9395,
49.3873

■ 5.1996, 6.0055,
8.2708

■ 50.6337, 55.6714,
67.9459

■ 2.4008, 2.8484,
4.1785

■ 68.5660, 75.0714,
90.6534

■ 0.8455, 1.0531,
1.7238

■ 90.2993, 98.5239,
117.9283

■ 0.0000, 0.0000,
0.3769

116.1990,
126.4134, 150.1891

■ 0.0000, 0.0000,
0.0000

146.6304,

159.1242, 187.8544

181.9588,
197.0407, 231.3428

■ 15.9892, 17.9426,
23.0426

■ 15.9892, 17.9426,
23.0426

■ 14.3010, 16.5051,
22.8544

■ 17.9139, 19.5221,
23.2463

■ 12.8371, 15.2017,
22.6800

■ 20.0832, 21.2465,
23.4648

■ 11.5867, 14.0273,
22.5192

■ 22.5069, 23.1216,
23.6990

■ 10.5377, 12.9751,
22.3714

■ 25.1938, 25.1521,
23.9493

■ 9.6761, 12.0381,
22.2359

■ 28.1521, 27.3423,
24.2162

8.9867, 11.2079,
22.1120

31.3898, 29.6966,
24.4999

8.4513, 10.4752,
21.9988

34.9145, 32.2190,
24.8010

8.0799, 9.9258,
21.9123

38.7336, 34.9135,
25.1198

42.8539, 37.7839,
25.4567

Harmonies

Analogous

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



15.5779, 17.9426, 20.8796



15.9892, 17.9426, 23.0426



16.6933, 17.9426, 24.3079

Triad

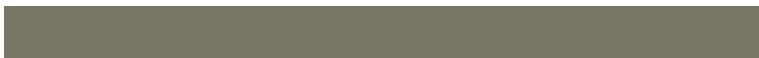
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.9892, 17.9426, 23.0426



18.6474, 17.9426, 20.5951



16.5994, 17.9426, 15.4968

Complementary

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



15.9892, 17.9426, 23.0426



16.4602, 16.0247, 14.2825

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.



17.4197, 17.9426, 15.4342



15.9892, 17.9426, 23.0426



18.6203, 17.9426, 18.2522

Square

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



15.9892, 17.9426, 23.0426



18.2378, 17.9426, 22.8199



18.1649, 17.9426, 16.4053



15.9224, 17.9426, 16.5841

Rectangle

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



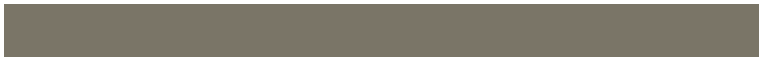
15.9892, 17.9426, 23.0426



17.2422, 17.9426, 24.4107



18.1649, 17.9426, 16.4053



16.8670, 17.9426, 15.3585

Sweetspot

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



15.9897, 17.9433, 23.0430



33.2851, 35.7697, 41.1062



15.6044, 19.1997, 16.6654



7.7532, 8.3430, 9.6201



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.



15.9897, 17.9433, 23.0430



26.6969, 30.3652, 40.4103



14.4587, 14.8812, 22.5327



4.3583, 4.7106, 5.4928



8.0129, 9.8442, 21.7277



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9109, 15.0844, 20.1103



28.6284, 24.5263, 34.2262



17.9834, 19.0712, 14.7903



4.4537, 4.3946, 5.1935



10.9215, 5.3883, 11.4422



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9892, 17.9426, 23.0426 looks on a white 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

Black Background



This preview shows how the XYZ color 15.9892, 17.9426, 23.0426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

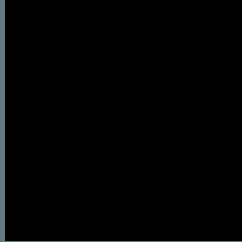
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

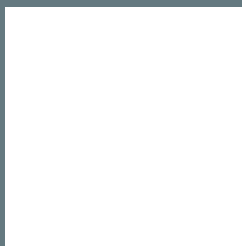
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9892, 17.9426, 23.0426

Background



This preview shows how black text looks on a background with the XYZ color 15.9892, 17.9426, 23.0426.



This preview shows how white text looks on a background with the XYZ color 15.9892, 17.9426,

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

15.9892, 17.9426, 23.0426

Protanopia

17.3991, 17.9852, 21.9565

Deuteranopia

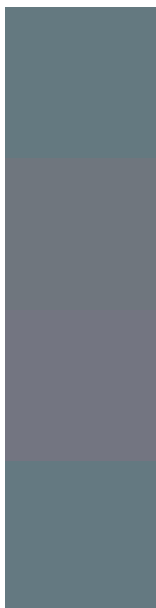
18.1481, 17.8306, 23.2540



Tritanopia

16.1222, 17.9958, 23.7429

Trichromacy



Original Color

15.9892, 17.9426, 23.0426

Protanomaly

16.7999, 17.8427, 22.2972

Deuteranomaly

17.3940, 17.9524, 23.3173

Tritanomaly

16.0554, 17.9690, 23.3910

Monochromacy



Original Color

15.9892, 17.9426, 23.0426

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.2990, 17.6279, 20.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9892, 17.9426, 23.0426 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(100, 121, 128)` looks like.

```
.text, #text, p{  
    color:rgb(100, 121, 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(100, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.9892, 17.9426, 23.0426 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(100, 121, 128) }
```


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

```
.border{ border-color:rgb(100, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 121, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 121, 128); box-shadow:4px 4px 4px 4px rgb(100, 121, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9892, 17.9426, 23.0426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 121, 128) }
```

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

```
.background{ background-color: rgb(100,  
121, 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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