

Converting Colors

XYZ(17.2459, 19.8447, 24.0110)

Have a look what the booklet for
XYZ(17.2459, 19.8447, 24.0110)
contains.

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Color

**XYZ(17.2279, 19.8748,
24.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	668082
RGB	102, 128, 130
RGB Percent	40%, 50%, 51%
CMY	0.6000, 0.4980, 0.4902
CMYK	0.22, 0.02, 0.00, 0.49
HSL	184°, 12%, 45%
HSV	184°, 22%, 51%
XYZ	17.2279, 19.8748, 24.0473
YIQ	120.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

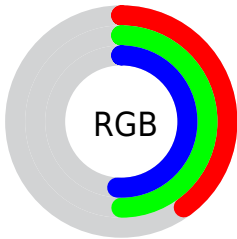
Format	Color
R_{YB}	102, 115, 130
Decimal	6717570
CIE _{Lab}	51.70, -8.82, -4.18
CIE _{LCh}	52, 9.762, 205.327
Yxy	19.8748, 0.2817, 0.3250
Android (android.graphics.Color)	4284907650 (0xFF668082)
YUV	120.4540, 4.7062, -16.1842
Hunter-Lab	44.5812, -9.0377, -0.7745

Details

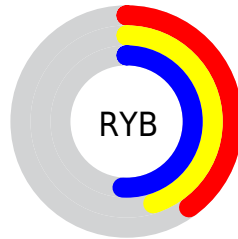
The XYZ color **17.2279, 19.8748, 24.0473** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.5547, 15.6058, 14.7104**, and the grayscale version is **17.9876, 18.9243, 20.6086**.

A 20% lighter version of the original color is **38.3975, 43.3367, 51.1408**, and **5.8025, 6.9703, 8.8242** is the 20% darker color. If you saturate the color by 10%, you get **15.7483, 18.9337, 23.9440**, and if you desaturate by 10%, it is **18.9408, 20.9389, 24.1627**.

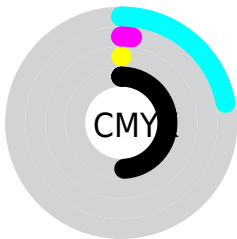
Distribution



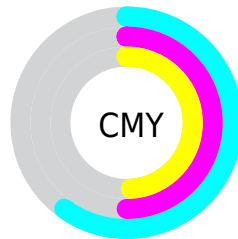
- Red (40%)
- Green (50%)
- Blue (51%)



- Red (40%)
- Yellow (45%)
- Blue (51%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



- Cyan (60%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2279, 19.8748, 24.0473 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 17.2279, 19.8748, 24.0473 by changing the saturation by 10% instead.

■ 17.2279, 19.8748,
24.0473

■ 17.2279, 19.8748,
24.0473

229.6130,
251.2365, 286.3538

■ 10.4934, 12.3041,
15.1562

■ 38.2577, 43.2072,
51.0522

■ 5.7921, 6.9511,
8.7812

■ 53.2837, 59.7376,
70.0030

■ 2.7585, 3.4315,
4.5039

■ 71.8043, 80.0234,
93.1442

■ 1.0274, 1.3610,
1.9057

■ 94.1848, 104.4489,
120.8942

■ 0.0000, 0.1877,
0.4963

120.7906,
133.3986, 153.6716

■ 0.0000, 0.0000,
0.0000

151.9869,

167.2569, 191.8950

188.1393,
206.4080, 235.9829

■ 17.2279, 19.8748,
24.0473

■ 17.2279, 19.8748,
24.0473

■ 15.7483, 18.9337,
23.9440

■ 18.9408, 20.9389,
24.1627

■ 14.4896, 18.1076,
23.8508

■ 20.8954, 22.1286,
24.2894

■ 13.4407, 17.3913,
23.7679

■ 23.1017, 23.4498,
24.4281

■ 12.5890, 16.7783,
23.6944

■ 25.5686, 24.9069,
24.5793

■ 11.9205, 16.2614,
23.6299

■ 28.3046, 26.5045,
24.7435

■ 11.4192, 15.8323,
23.5735

■ 31.3179, 28.2467,
24.9209

■ 11.0666, 15.4814,
23.5244

■ 34.6161, 30.1374,
25.1120

■ 10.8331, 15.2192,
23.4861

■ 38.2069, 32.1806,
25.3172

■ 42.0973, 34.3800,
25.5366

Harmonies

Analogous

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



17.0630, 19.8748, 21.2009



17.2279, 19.8748, 24.0473



17.8321, 19.8748, 26.4203

Triad

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



17.2279, 19.8748, 24.0473



20.4930, 19.8748, 24.8788



19.0453, 19.8748, 16.6668

Complementary

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



17.2279, 19.8748, 24.0473



16.5547, 15.6058, 14.7104

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.



19.9897, 19.8748, 17.4746



17.2279, 19.8748, 24.0473



20.8439, 19.8748, 22.0857

Square

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



17.2279, 19.8748, 24.0473



19.7132, 19.8748, 26.9289



20.6566, 19.8748, 19.3995



18.0909, 19.8748, 17.0938

Rectangle

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



17.2279, 19.8748, 24.0473



18.4142, 19.8748, 27.3298



20.6566, 19.8748, 19.3995



19.3748, 19.8748, 16.8008

Sweetspot

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



17.2285, 19.8756, 24.0477



35.1613, 37.9781, 42.6698



15.9544, 19.7872, 16.0400



7.9187, 8.5719, 9.6555



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.



17.2285, 19.8756, 24.0477



28.9737, 34.1381, 42.2547



15.5415, 16.5016, 23.4854



4.4210, 4.8360, 5.5137



10.3891, 14.5968, 22.5198



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8540, 15.8075, 22.5331



30.2958, 25.6324, 39.0326



18.0673, 18.6310, 15.2146



4.4853, 4.4073, 5.3603



12.1209, 5.8681, 17.7584



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2279, 19.8748, 24.0473 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 17.2279, 19.8748, 24.0473 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

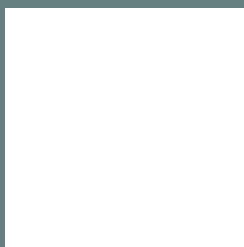
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2279, 19.8748, 24.0473

Background



This preview shows how black text looks on a background with the XYZ color 17.2279, 19.8748, 24.0473.



This preview shows how white text looks on a background with the XYZ color 17.2279, 19.8748,

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

17.2279, 19.8748, 24.0473

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

20.1218, 19.6849, 24.5688



Tritanopia

17.6982, 19.8685, 26.5691

Trichromacy



Original Color

17.2279, 19.8748, 24.0473

Protanomaly

18.3064, 19.6868, 23.2572

Deuteranomaly

18.8020, 19.5508, 24.2554

Tritanomaly

17.4860, 19.7835, 25.4513

Monochromacy



Original Color

17.2279, 19.8748, 24.0473

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5311, 19.1319, 21.8376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2279, 19.8748, 24.0473 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(102, 128, 130)` looks like.

```
.text, #text, p{  
    color:rgb(102, 128, 130)  
}
```

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(102, 128, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 128, 130) }
```

Border

The CSS property to change the border of an element to XYZ 17.2279, 19.8748, 24.0473 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(102, 128, 130) }
```


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

```
.border{ border-color:rgb(102, 128, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 128, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 128, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 128, 130);  
box-shadow:4px 4px 4px 4px rgb(102, 128,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2279, 19.8748, 24.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 128, 130) }
```

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

```
.background{ background-color: rgb(102,  
128, 130) }
```

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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