

Converting Colors

XYZ(17.9572, 20.8487, 24.5855)

Have a look what the booklet for
XYZ(17.9572, 20.8487, 24.5855)
contains.

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Color

**XYZ(17.9220, 20.8143,
24.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	688383
RGB	104, 131, 131
RGB Percent	41%, 51%, 51%
CMY	0.5921, 0.4863, 0.4863
CMYK	0.21, 0.00, 0.00, 0.49
HSL	180°, 11%, 46%
HSV	180°, 21%, 51%
XYZ	17.9220, 20.8143, 24.5457
YIQ	122.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

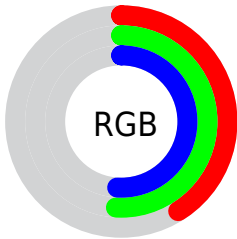
Format	Color
R_{YB}	104, 118, 131
Decimal	6849411
CIE _{Lab}	52.75, -9.60, -3.19
CIE _{LCh}	53, 10.119, 198.405
Yxy	20.8143, 0.2832, 0.3289
Android (android.graphics.Color)	4285039491 (0xFF688383)
YUV	122.9270, 3.9800, -16.5990
Hunter-Lab	45.6227, -9.7194, 0.0370

Details

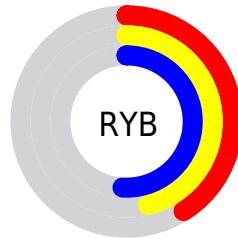
The XYZ color **17.9220, 20.8143, 24.5457** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8099, 15.7261, 15.2472**, and the grayscale version is **18.7943, 19.7730, 21.5328**.

A 20% lighter version of the original color is **39.5025, 44.8096, 51.9145**, and **6.1712, 7.4845, 9.1020** is the 20% darker color. If you saturate the color by 10%, you get **16.5181, 20.0911, 24.4802**, and if you desaturate by 10%, it is **19.5634, 21.6610, 24.6232**.

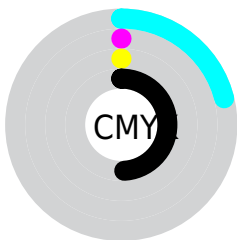
Distribution



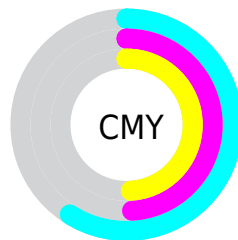
- Red (41%)
- Green (51%)
- Blue (51%)



- Red (41%)
- Yellow (46%)
- Blue (51%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9220, 20.8143, 24.5457 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 17.9220, 20.8143, 24.5457 by changing the saturation by 10% instead.

■ 17.9220, 20.8143,
24.5457

■ 17.9220, 20.8143,
24.5457

233.4851,
256.2900, 288.9428

■ 10.9934, 12.9883,
15.5230

■ 39.4355, 44.7783,
51.8742

■ 6.1296, 7.4205,
9.0366

■ 54.7511, 61.6851,
71.0171

■ 2.9655, 3.7264,
4.6679

■ 73.5930, 82.3876,
94.3704

■ 1.1355, 1.5217,
1.9984

■ 96.3266, 107.2702,
122.3527

■ 0.0545, 0.3040,
0.5543

123.3172,
136.7174, 155.3825

■ 0.0000, 0.0000,
0.0000

154.9303,

171.1135, 193.8785

191.5312,
210.8429, 238.2590

■ 17.9220, 20.8143,
24.5457

■ 17.9220, 20.8143,
24.5457

■ 16.5181, 20.0911,
24.4802

■ 19.5634, 21.6610,
24.6232

■ 15.3390, 19.4833,
24.4248

■ 21.4506, 22.6339,
24.7118

■ 14.3735, 18.9856,
24.3793

■ 23.5938, 23.7387,
24.8123

■ 13.6090, 18.5914,
24.3433

■ 26.0021, 24.9803,
24.9253

■ 13.0311, 18.2935,
24.3160

■ 28.6841, 26.3629,
25.0510

■ 12.6240, 18.0837,
24.2967

■ 31.6480, 27.8908,
25.1900

■ 12.3689, 17.9522,
24.2845

■ 34.9018, 29.5682,
25.3425

■ 12.2130, 17.8718,
24.2770

■ 38.4529, 31.3989,
25.5090

■ 42.3088, 33.3866,
25.6897

Harmonies

Analogous

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



17.8637, 20.8143, 21.5166



17.9220, 20.8143, 24.5457



18.4682, 20.8143, 27.2870

Triad

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



17.9220, 20.8143, 24.5457



21.3381, 20.8143, 26.7389



20.1935, 20.8143, 17.4397

Complementary

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



17.9220, 20.8143, 24.5457



16.8099, 15.7261, 15.2472

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.



21.1595, 20.8143, 18.5937



17.9220, 20.8143, 24.5457



21.8358, 20.8143, 23.8499

Square

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



17.9220, 20.8143, 24.5457



20.4302, 20.8143, 28.6287



21.7693, 20.8143, 20.8796



19.1503, 20.8143, 17.5900

Rectangle

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



17.9220, 20.8143, 24.5457



19.0468, 20.8143, 28.4998



21.7693, 20.8143, 20.8796



20.5387, 20.8143, 17.6834

Sweetspot

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



17.9226, 20.8152, 24.5462



36.4882, 39.5392, 44.1616



16.3770, 20.2030, 16.1337



8.4538, 9.1842, 10.2798



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9226, 20.8152, 24.5462



30.7936, 36.6035, 43.8942



16.2789, 17.5276, 23.9988



4.8016, 5.2789, 5.9666



12.0214, 17.5914, 23.8961



0.0416, 0.0609, 0.0828

Inverse Universe

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



16.8099, 15.7261, 15.2472



28.4045, 25.6775, 23.9295



18.2266, 18.5598, 15.7191



4.6726, 4.6887, 4.8882



9.2136, 4.7498, 0.4314



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 17.9220, 20.8143, 24.5457 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 17.9220, 20.8143, 24.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

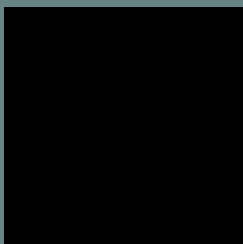
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

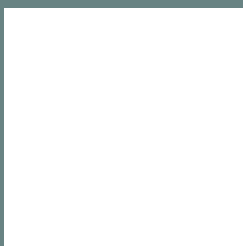
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9220, 20.8143, 24.5457

Background



This preview shows how black text looks on a background with the XYZ color 17.9220, 20.8143, 24.5457.



This preview shows how white text looks on a background with the XYZ color 17.9220, 20.8143,

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

17.9220, 20.8143, 24.5457

Protanopia

19.9168, 20.7116, 23.0267

Deuteranopia

21.0247, 20.6809, 25.0740



Tritanopia

18.6601, 20.9229, 27.8660

Trichromacy



Original Color

17.9220, 20.8143, 24.5457

Protanomaly

19.0934, 20.6592, 23.4034

Deuteranomaly

19.6669, 20.5441, 24.7587

Tritanomaly

18.3237, 20.7747, 26.7111

Monochromacy



Original Color

17.9220, 20.8143, 24.5457

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.4292, 20.1411, 22.6550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9220, 20.8143, 24.5457 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(104, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(104, 131, 131)  
}
```

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(104, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 131, 131) }
```

Border

The CSS property to change the border of an element to XYZ 17.9220, 20.8143, 24.5457 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(104, 131, 131) }
```


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

```
.border{ border-color:rgb(104, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(104, 131,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9220, 20.8143, 24.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 131, 131) }
```

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

```
.background{ background-color: rgb(104,  
131, 131) }
```

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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