

Converting Colors

XYZ(20.2139, 19.0298, 23.9955)

Have a look what the booklet for
XYZ(20.2139, 19.0298, 23.9955)
contains.

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Color

**XYZ(20.2191, 19.0511,
24.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	877383
RGB	135, 115, 131
RGB Percent	53%, 45%, 51%
CMY	0.4706, 0.5490, 0.4863
CMYK	0.00, 0.15, 0.03, 0.47
HSL	312°, 8%, 49%
HSV	312°, 15%, 53%
XYZ	20.2191, 19.0511, 24.0843
YIQ	122.8040, 6.7840, 9.2160

Conversions

Conversions Part 2

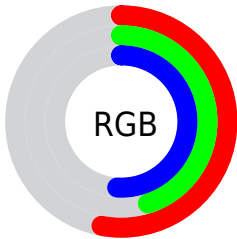
Format	Color
R_{YB}	135, 115, 131
Decimal	8876931
CIE Lab	50.75, 10.77, -5.87
CIE LCh	51, 12.272, 331.405
Yxy	19.0511, 0.3191, 0.3007
Android (android.graphics.Color)	4287067011 (0xFF877383)
YUV	122.8040, 4.0406, 10.6959
Hunter-Lab	43.6476, 6.3043, -2.1623

Details

The XYZ color **20.2191, 19.0511, 24.0843** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.0647, 22.3051, 20.7543**, and the grayscale version is **18.7482, 19.7246, 21.4801**.

A 20% lighter version of the original color is **43.2095, 41.7895, 51.1362**, and **7.2765, 6.5548, 8.8643** is the 20% darker color. If you saturate the color by 10%, you get **18.6106, 16.1228, 22.6571**, and if you desaturate by 10%, it is **22.0590, 22.4339, 25.6126**.

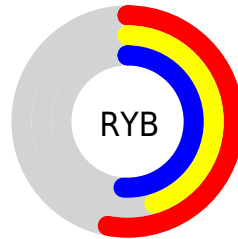
Distribution



Red (53%)

Green (45%)

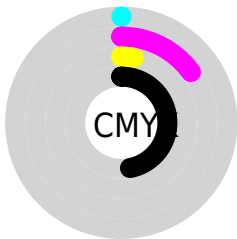
Blue (51%)



Red (53%)

Yellow (45%)

Blue (51%)

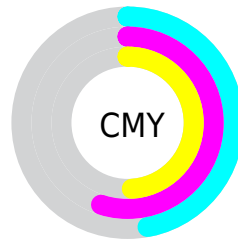


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2191, 19.0511, 24.0843 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 20.2191, 19.0511, 24.0843 by changing the saturation by 10% instead.

■ 20.2191, 19.0511,
24.0843

■ 20.2191, 19.0511,
24.0843

245.9098,
246.7307, 286.5467

■ 12.6636, 11.7072,
15.1834

■ 43.2854, 41.8204,
51.1133

■ 7.2727, 6.5446,
8.8001

■ 59.5268, 58.0147,
70.0784

■ 3.6811, 3.1790,
4.5160

■ 79.3943, 77.9278,
93.2354

■ 1.5233, 1.2259,
1.9125

■ 103.2532,
101.9442, 121.0028

■ 0.3416, 0.0827,
0.5007

131.4689,
130.4483, 153.7990

■ 0.0000, 0.0000,
0.0000

164.4066,

163.8245, 192.0427

202.4318,
202.4572, 236.1524

■ 20.2191, 19.0511,
24.0843

■ 20.2191, 19.0511,
24.0843

■ 18.6106, 16.1228,
22.6571

■ 22.0590, 22.4339,
25.6126

■ 17.2219, 13.6270,
21.3264

■ 24.1378, 26.2870,
27.2440

■ 16.0432, 11.5436,
20.0888

■ 26.4647, 30.6287,
28.9820

■ 15.0630, 9.8497,
18.9404

■ 29.0480, 35.4753,
30.8295

■ 14.2689, 8.5206,
17.8768

■ 31.8955, 40.8425,
32.7893

■ 13.6469, 7.5284,
16.8932

■ 35.0148, 46.7454,
34.8641

■ 13.1811, 6.8413,
15.9842

■ 38.4131, 53.1983,
37.0564

■ 12.8496, 6.4157,
15.1422

■ 42.0974, 60.2151,
39.3688

■ 12.6984, 6.2336,
14.7210

■ 46.0743, 67.8091,
41.8036

Harmonies

Analogous

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



19.3419, 19.0511, 26.9383



20.2191, 19.0511, 24.0843



20.5241, 19.0511, 20.5811

Triad

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



20.2191, 19.0511, 24.0843



18.0507, 19.0511, 14.7915



16.2010, 19.0511, 24.3970

Complementary

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



20.2191, 19.0511, 24.0843



19.0647, 22.3051, 20.7543

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.



15.8885, 19.0511, 20.9066



20.2191, 19.0511, 24.0843



16.9267, 19.0511, 15.5795

Square

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



20.2191, 19.0511, 24.0843



19.2393, 19.0511, 15.4454



16.1483, 19.0511, 17.7267



17.0210, 19.0511, 27.1325

Rectangle

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



20.2191, 19.0511, 24.0843



20.3516, 19.0511, 18.4146



16.1483, 19.0511, 17.7267



16.0348, 19.0511, 23.2607

Sweetspot

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



20.2197, 19.0519, 24.0847



39.7578, 40.6447, 46.0719



18.1125, 17.9337, 25.4287



9.1520, 9.3103, 10.6251



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.2197, 19.0519, 24.0847



35.1281, 32.1432, 42.1926



19.5742, 18.7938, 20.6859



4.8190, 4.7473, 5.6594



11.7143, 5.7500, 13.5995



0.0431, 0.0209, 0.0603

Inverse Universe

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



20.2197, 19.0519, 24.0847



35.1281, 32.1432, 42.1926



19.6973, 22.5581, 24.0853



4.8190, 4.7473, 5.6594



11.7143, 5.7500, 13.5995



0.0431, 0.0209, 0.0603

Previews

White Background



This preview shows how the XYZ color 20.2191, 19.0511, 24.0843 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 20.2191, 19.0511, 24.0843 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

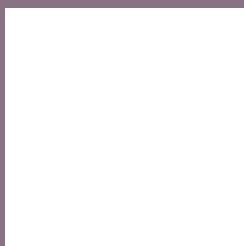
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2191, 19.0511, 24.0843

Background



This preview shows how black text looks on a background with the XYZ color 20.2191, 19.0511, 24.0843.



This preview shows how white text looks on a background with the XYZ color 20.2191, 19.0511,

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

20.2191, 19.0511, 24.0843

Protanopia

18.6273, 19.0761, 25.2545

Deuteranopia

19.4773, 19.1848, 24.1492



Tritanopia

19.7786, 19.0398, 22.0346

Trichromacy



Original Color

20.2191, 19.0511, 24.0843

Protanomaly

19.1695, 19.0103, 24.8493

Deuteranomaly

19.8181, 19.1866, 24.1316

Tritanomaly

19.9077, 19.0914, 22.7144

Monochromacy



Original Color

20.2191, 19.0511, 24.0843

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.2348, 19.4513, 22.4794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2191, 19.0511, 24.0843 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(135, 115, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 115, 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(135, 115, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.2191, 19.0511, 24.0843 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(135, 115, 131) }
```


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

```
.border{ border-color:rgb(135, 115, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 115, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2191, 19.0511, 24.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 131) }
```

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

```
.background{ background-color: rgb(135,  
115, 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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