

Converting Colors

XYZ(20.1197, 24.8998, 19.5489)

Have a look what the booklet for
XYZ(20.1197, 24.8998, 19.5489)
contains.

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Color

**XYZ(20.0808, 24.8063,
19.6493)**

Conversions

Conversions Part 1

Format	Color
Hex	739072
RGB	115, 144, 114
RGB Percent	45%, 56%, 45%
CMY	0.5490, 0.4353, 0.5529
CMYK	0.20, 0.00, 0.21, 0.44
HSL	118°, 12%, 51%
HSV	118°, 21%, 56%
XYZ	20.0808, 24.8063, 19.6493
YIQ	131.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

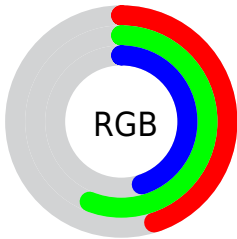
Format	Color
RYB	114, 144, 143
Decimal	7573618
CIELab	56.89, -16.37, 12.64
CIElCh	57, 20.685, 142.315
Yxy	24.8063, 0.3112, 0.3844
Android (android.graphics.Color)	4285763698 (0xFF739072)
YUV	131.9090, -8.8291, -14.8292
Hunter-Lab	49.8059, -15.1926, 11.4732

Details

The XYZ color **20.0808, 24.8063, 19.6493** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.3800, 19.8886, 29.0462**, and the grayscale version is **21.9327, 23.0749, 25.1286**.

A 20% lighter version of the original color is **43.0134, 51.3568, 43.7222**, and **7.2328, 9.5570, 6.6177** is the 20% darker color. If you saturate the color by 10%, you get **17.6306, 23.6313, 15.5876**, and if you desaturate by 10%, it is **22.9379, 26.1776, 24.4048**.

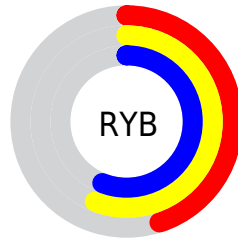
Distribution



Red (45%)

Green (56%)

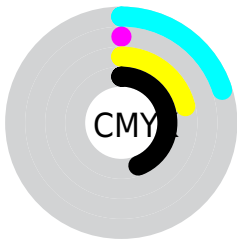
Blue (45%)



Red (45%)

Yellow (56%)

Blue (56%)

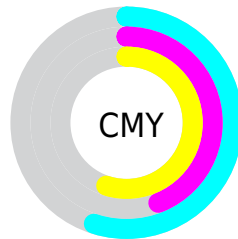


Cyan (20%)

Magenta (0%)

Yellow (21%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0808, 24.8063, 19.6493 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 20.0808, 24.8063, 19.6493 by changing the saturation by 10% instead.

■ 20.0808, 24.8063,
19.6493

■ 20.0808, 24.8063,
19.6493

245.1774,
276.8719, 262.5513

■ 12.5624, 15.9328,
11.9588

■ 43.0555, 51.3428,
43.6796

■ 7.2028, 9.4766,
6.5935

■ 59.2425, 69.7746,
60.8566

■ 3.6367, 5.0533,
3.1346

■ 79.0498, 92.1613,
82.0328

■ 1.4987, 2.2786,
1.1638

■ 102.8427,
118.8873, 107.6268

■ 0.3250, 0.7623,
0.0000

130.9866,
150.3369, 138.0571

■ 0.0000, 0.0000,
0.0000

163.8467,

186.8947, 173.7422

201.7886,
228.9449, 215.1008

■ 20.0808, 24.8063,
19.6493

■ 20.0808, 24.8063,
19.6493

■ 17.6306, 23.6313,
15.5876

■ 22.9379, 26.1776,
24.4048

■ 15.5669, 22.6405,
12.1858

■ 26.2170, 27.7502,
29.8825

■ 13.8705, 21.8257,
9.4094

■ 29.9351, 29.5330,
36.1116

■ 12.5200, 21.1766,
7.2205

■ 34.1076, 31.5332,
43.1187

■ 11.4915, 20.6817,
5.5767

■ 38.7490, 33.7578,
50.9296

■ 10.7582, 20.3282,
4.4304

■ 43.8732, 36.2136,
59.5685

■ 10.2890, 20.1015,
3.7252

■ 49.4938, 38.9068,
69.0588

■ 10.0338, 19.9785,
3.3274

■ 55.6235, 41.8438,
79.4230

■ 62.2748, 45.0303,
90.6827

Harmonies

Analogous

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



21.8532, 24.8063, 16.4547



20.0808, 24.8063, 19.6493



19.2570, 24.8063, 25.2653

Triad

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



20.0808, 24.8063, 19.6493



22.9604, 24.8063, 42.5009



28.1537, 24.8063, 22.2555

Complementary

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



20.0808, 24.8063, 19.6493



22.3800, 19.8886, 29.0462

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.



28.5006, 24.8063, 28.8329



20.0808, 24.8063, 19.6493



25.3905, 24.8063, 41.3227

Square

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



20.0808, 24.8063, 19.6493



20.8437, 24.8063, 38.9996



27.4586, 24.8063, 36.0112



26.5407, 24.8063, 17.7700

Rectangle

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



20.0808, 24.8063, 19.6493



19.3141, 24.8063, 29.9556



27.4586, 24.8063, 36.0112



28.4265, 24.8063, 24.2638

Sweetspot

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



20.0815, 24.8074, 19.6498



43.0851, 47.4303, 47.4318



24.3624, 26.7904, 19.8070



9.8061, 10.8412, 10.7531



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.0815, 24.8074, 19.6498



33.3079, 42.7401, 31.1556



20.8098, 25.0836, 24.1677



5.3585, 6.0374, 5.7723



8.7413, 17.3989, 2.8976



0.0862, 0.1677, 0.0278

Inverse Universe

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



22.3800, 19.8886, 29.0462



38.1114, 32.4592, 50.7946



21.5490, 19.5763, 23.7627



5.6087, 5.5020, 6.7951



13.6891, 6.5506, 23.5200



0.1345, 0.0645, 0.2250

Previews

White Background



This preview shows how the XYZ color 20.0808, 24.8063, 19.6493 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 20.0808, 24.8063, 19.6493 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

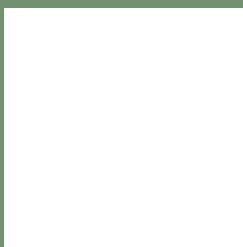
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0808, 24.8063, 19.6493

Background



This preview shows how black text looks on a background with the XYZ color 20.0808, 24.8063, 19.6493.



This preview shows how white text looks on a background with the XYZ color 20.0808, 24.8063,

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

20.0808, 24.8063, 19.6493

Protanopia

23.1202, 24.6634, 18.2938

Deuteranopia

25.0375, 24.5849, 20.2554



Tritanopia

22.6228, 24.7322, 32.4356

Trichromacy



Original Color

20.0808, 24.8063, 19.6493

Protanomaly

21.7747, 24.5995, 18.6394

Deuteranomaly

22.9411, 24.5320, 20.0490

Tritanomaly

21.6480, 24.7778, 27.3085

Monochromacy



Original Color

20.0808, 24.8063, 19.6493

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.1100, 23.5246, 22.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0808, 24.8063, 19.6493 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(115, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(115, 144, 114)  
}
```

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(115, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 144, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.0808, 24.8063, 19.6493 is called "border". The border property can be set on classes, ids or directly on the HTML element.

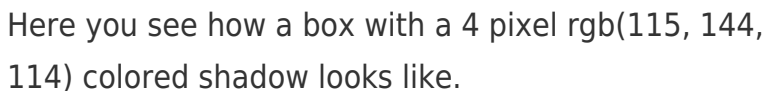
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 144, 114) }
```


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

```
.border{ border-color:rgb(115, 144, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 144, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 144, 114); box-shadow:4px 4px 4px 4px rgb(115, 144, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0808, 24.8063, 19.6493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 144, 114) }
```

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

```
.background{ background-color: rgb(115,  
144, 114) }
```

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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