

Converting Colors

XYZ(19.9164, 25.6863, 24.3767)

Have a look what the booklet for
XYZ(19.9164, 25.6863, 24.3767)
contains.

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Color

**XYZ(20.0106, 25.8201,
24.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	659580
RGB	101, 149, 128
RGB Percent	40%, 58%, 50%
CMY	0.6039, 0.4157, 0.4980
CMYK	0.32, 0.00, 0.14, 0.42
HSL	154°, 19%, 49%
HSV	154°, 32%, 58%
XYZ	20.0106, 25.8201, 24.3512
YIQ	132.2540, -21.8670, -16.7070

Conversions

Conversions Part 2

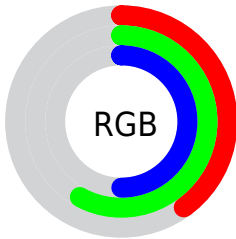
Format	Color
RYB	101, 132, 149
Decimal	6657408
CIELab	57.87, -20.94, 5.96
CIElCh	58, 21.770, 164.124
Yxy	25.8201, 0.2851, 0.3679
Android (android.graphics.Color)	4284847488 (0xFF659580)
YUV	132.2540, -2.0972, -27.4098
Hunter-Lab	50.8135, -18.6294, 7.1561

Details

The XYZ color **20.0106, 25.8201, 24.3512** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5619, 17.1028, 20.6310**, and the grayscale version is **22.0374, 23.1851, 25.2485**.

A 20% lighter version of the original color is **42.8333, 52.8204, 51.6539**, and **7.1951, 10.0299, 8.9539** is the 20% darker color. If you saturate the color by 10%, you get **18.0759, 24.8714, 22.0925**, and if you desaturate by 10%, it is **22.2769, 26.9379, 26.7705**.

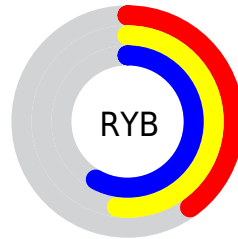
Distribution



Red (40%)

Green (58%)

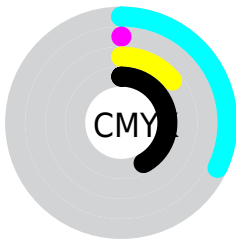
Blue (50%)



Red (40%)

Yellow (52%)

Blue (58%)

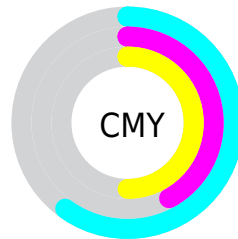


Cyan (32%)

Magenta (0%)

Yellow (14%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0106, 25.8201, 24.3512 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 20.0106, 25.8201, 24.3512 by changing the saturation by 10% instead.

■ 20.0106, 25.8201,
24.3512

■ 20.0106, 25.8201,
24.3512

244.8050,
281.8978, 287.9348

■ 12.5111, 16.6891,
15.3797

■ 42.9388, 52.9846,
51.5537

■ 7.1674, 10.0131,
8.9368

■ 59.0981, 71.7869,
70.6218

■ 3.6143, 5.4076,
4.6037

■ 78.8747, 94.5817,
93.8926

■ 1.4863, 2.4884,
1.9620

■ 102.6340,
121.7534, 121.7845

■ 0.3165, 0.8708,
0.5318

130.7413,
153.6866, 154.7162

■ 0.0000, 0.0000,
0.0000

163.5620,

190.7654, 193.1061

201.4615,
233.3744, 237.3727

■ 20.0106, 25.8201,
24.3512

■ 20.0106, 25.8201,
24.3512

■ 18.0759, 24.8714,
22.0925

■ 22.2769, 26.9379,
26.7705

■ 16.4536, 24.0800,
19.9891

■ 24.8881, 28.2296,
29.3519

■ 15.1261, 23.4374,
18.0381

■ 27.8596, 29.7038,
32.0994

■ 14.0729, 22.9333,
16.2355

■ 31.2052, 31.3674,
35.0159

■ 13.2708, 22.5557,
14.5775

■ 34.9379, 33.2272,
38.1045

■ 12.6924, 22.2905,
13.0596

■ 39.0699, 35.2893,
41.3682

■ 12.3407, 22.1329,
11.9703

■ 43.6132, 37.5600,
44.8098

■ 48.5790, 40.0450,
48.4321

■ 53.9782, 42.7497,
52.2378

Harmonies

Analogous

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



21.2006, 25.8201, 18.9823



20.0106, 25.8201, 24.3512



19.9758, 25.8201, 31.7805

Triad

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



20.0106, 25.8201, 24.3512



25.7902, 25.8201, 44.5411



28.3352, 25.8201, 19.2234

Complementary

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



20.0106, 25.8201, 24.3512



20.5619, 17.1028, 20.6310

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.



29.7541, 25.8201, 24.7403



20.0106, 25.8201, 24.3512



28.2155, 25.8201, 39.7850

Square

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



20.0106, 25.8201, 24.3512



23.1897, 25.8201, 44.3862



29.7088, 25.8201, 32.2451



25.9443, 25.8201, 16.4014

Rectangle

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



20.0106, 25.8201, 24.3512



20.6053, 25.8201, 37.0019



29.7088, 25.8201, 32.2451



28.9490, 25.8201, 20.7766

Sweetspot

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



20.0113, 25.8212, 24.3518



45.5875, 51.0579, 53.5291



21.2086, 26.6171, 16.3322



9.9601, 11.2444, 11.7277



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.0113, 25.8212, 24.3518



33.1575, 44.9252, 40.5178



21.1642, 25.6810, 32.2764



5.8580, 6.5198, 6.8630



10.4011, 18.6332, 10.1537



0.1421, 0.2340, 0.2024

Inverse Universe

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



20.5619, 17.1028, 20.6310



34.3102, 26.6949, 32.7448



19.6343, 17.1101, 14.5802



5.8999, 5.8550, 6.5789



11.2538, 5.7066, 4.8177



0.1521, 0.0756, 0.1347

Previews

White Background



This preview shows how the XYZ color 20.0106, 25.8201, 24.3512 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 20.0106, 25.8201, 24.3512 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 20.0106, 25.8201, 24.3512

Background



This preview shows how black text looks on a background with the XYZ color 20.0106, 25.8201, 24.3512.



This preview shows how white text looks on a background with the XYZ color 20.0106, 25.8201,

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

20.0106, 25.8201, 24.3512

Protanopia

24.2784, 25.6018, 22.0744

Deuteranopia

26.1394, 25.6575, 25.0474



Tritanopia

22.2746, 25.8109, 35.7063

Trichromacy



Original Color

20.0106, 25.8201, 24.3512

Protanomaly

22.3644, 25.4684, 22.8059

Deuteranomaly

23.2536, 25.2278, 24.7630

Tritanomaly

21.2929, 25.6363, 31.0202

Monochromacy



Original Color

20.0106, 25.8201, 24.3512

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.0704, 23.8806, 24.9716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0106, 25.8201, 24.3512 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(101, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(101, 149, 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(101, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 149, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.0106, 25.8201, 24.3512 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(101, 149, 128) }
```


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

```
.border{ border-color:rgb(101, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(101, 149,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0106, 25.8201, 24.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 149, 128) }
```

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

```
.background{ background-color: rgb(101,  
149, 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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