

Converting Colors

XYZ(19.7299, 24.9093, 20.7518)

Have a look what the booklet for
XYZ(19.7299, 24.9093, 20.7518)
contains.

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Color

**XYZ(19.6430, 24.7864,
20.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9175
RGB	109, 145, 117
RGB Percent	43%, 57%, 46%
CMY	0.5725, 0.4314, 0.5412
CMYK	0.25, 0.00, 0.19, 0.43
HSL	133°, 14%, 50%
HSV	133°, 25%, 57%
XYZ	19.6430, 24.7864, 20.5786
YIQ	131.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

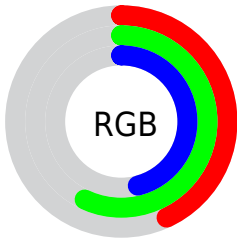
Format	Color
R_{YB}	109, 138, 145
Decimal	7180661
CIE _{Lab}	56.87, -18.47, 10.86
CIE _{LCh}	57, 21.421, 149.546
Yxy	24.7864, 0.3022, 0.3813
Android (android.graphics.Color)	4285370741 (0xFF6D9175)
YUV	131.0440, -6.9237, -19.3326
Hunter-Lab	49.7859, -16.6984, 10.3431

Details

The XYZ color **19.6430, 24.7864, 20.5786** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6620, 18.7638, 26.1481**, and the grayscale version is **21.6168, 22.7426, 24.7667**.

A 20% lighter version of the original color is **42.2828, 51.2885, 45.2072**, and **6.9404, 9.3957, 7.0780** is the 20% darker color. If you saturate the color by 10%, you get **17.3807, 23.6929, 17.2174**, and if you desaturate by 10%, it is **22.2809, 26.0657, 24.3755**.

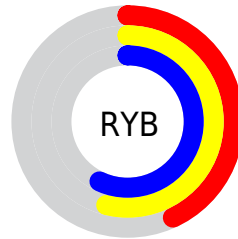
Distribution



Red (43%)

Green (57%)

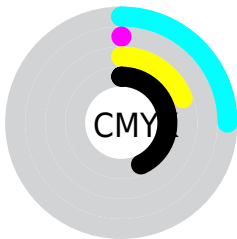
Blue (46%)



Red (43%)

Yellow (54%)

Blue (57%)

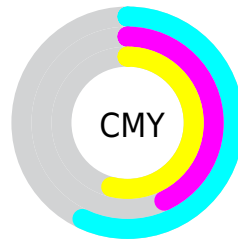


Cyan (25%)

Magenta (0%)

Yellow (19%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6430, 24.7864, 20.5786 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 19.6430, 24.7864, 20.5786 by changing the saturation by 10% instead.

■ 19.6430, 24.7864,
20.5786

■ 19.6430, 24.7864,
20.5786

242.8464,
276.7725, 267.7375

■ 12.2426, 15.9180,
12.6281

■ 42.3264, 51.3105,
45.2568

■ 6.9825, 9.4661,
7.0452

■ 58.3400, 69.7350,
62.8216

■ 3.4974, 5.0465,
3.4115

■ 77.9554, 92.1136,
84.4282

■ 1.4219, 2.2745,
1.3084

■ 101.5379,
118.8307, 110.4951

■ 0.2718, 0.7602,
0.0687

129.4529,
150.2708, 141.4410

■ 0.0000, 0.0000,
0.0000

162.0658,

186.8182, 177.6843

199.7418,
228.8573, 219.6437

■ 19.6430, 24.7864,
20.5786

■ 19.6430, 24.7864,
20.5786

■ 17.3807, 23.6929,
17.2174

■ 22.2809, 26.0657,
24.3755

■ 15.4746, 22.7734,
14.2748

■ 25.3085, 27.5356,
28.6213

■ 13.9069, 22.0199,
11.7347

■ 28.7415, 29.2048,
33.3305

■ 12.6572, 21.4220,
9.5796

■ 32.5945, 31.0802,
38.5167

■ 11.7029, 20.9686,
7.7906

■ 36.8809, 33.1688,
44.1927

■ 11.0182, 20.6469,
6.3472

■ 41.6138, 35.4768,
50.3710

■ 10.5705, 20.4405,
5.2266

■ 46.8057, 38.0106,
57.0636

■ 10.3896, 20.3573,
4.7641

■ 52.4686, 40.7760,
64.2819

■ 58.6140, 43.7788,
72.0373

Harmonies

Analogous

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



21.2608, 24.7864, 16.6719



19.6430, 24.7864, 20.5786



19.0599, 24.7864, 26.8791

Triad

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



19.6430, 24.7864, 20.5786



23.5206, 24.7864, 43.2799



28.0058, 24.7864, 20.7370

Complementary

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



19.6430, 24.7864, 20.5786



21.6620, 18.7638, 26.1481

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.



28.7150, 24.7864, 27.0976



19.6430, 24.7864, 20.5786



26.0166, 24.7864, 40.8672

Square

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



19.6430, 24.7864, 20.5786



21.1991, 24.7864, 40.7233



27.9631, 24.7864, 34.6071



26.0872, 24.7864, 16.7513

Rectangle

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



19.6430, 24.7864, 20.5786



19.3020, 24.7864, 31.8754



27.9631, 24.7864, 34.6071



28.3994, 24.7864, 22.6280

Sweetspot

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



19.6437, 24.7874, 20.5792



44.0015, 48.6686, 49.4191



23.2361, 26.6914, 18.3956



9.7273, 10.7971, 10.9083



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.



19.6437, 24.7874, 20.5792



32.7483, 43.2132, 33.2696



20.7920, 25.2468, 26.6261



5.3889, 6.0478, 6.0139



8.9197, 17.4637, 4.1312



0.0923, 0.1698, 0.0767

Inverse Universe

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



21.6620, 18.7638, 26.1481



37.0238, 30.4468, 45.0623



20.4883, 18.2943, 19.9677



5.5757, 5.4908, 6.5295



12.5717, 6.1857, 13.9277



0.1284, 0.0624, 0.1761

Previews

White Background



This preview shows how the XYZ color 19.6430, 24.7864, 20.5786 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 19.6430, 24.7864, 20.5786 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 19.6430, 24.7864, 20.5786

Background



This preview shows how black text looks on a background with the XYZ color 19.6430, 24.7864, 20.5786.



This preview shows how white text looks on a background with the XYZ color 19.6430, 24.7864,

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

19.6430, 24.7864, 20.5786

Protanopia

23.2304, 24.7075, 18.8739

Deuteranopia

25.0240, 24.5572, 21.1904



Tritanopia

22.0342, 24.6354, 32.8719

Trichromacy



Original Color

19.6430, 24.7864, 20.5786

Protanomaly

21.6300, 24.5054, 19.5096

Deuteranomaly

22.6152, 24.3435, 20.9596

Tritanomaly

21.1433, 24.7208, 28.0833

Monochromacy



Original Color

19.6430, 24.7864, 20.5786

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7384, 23.3256, 23.1479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6430, 24.7864, 20.5786 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(109, 145, 117)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 117)  
}
```

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(109, 145, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.6430, 24.7864, 20.5786 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(109, 145, 117) }
```


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

```
.border{ border-color:rgb(109, 145, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 117);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6430, 24.7864, 20.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 117) }
```

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

```
.background{ background-color: rgb(109,  
145, 117) }
```

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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