

Converting Colors

XYZ(20.1786, 26.8254, 15.2774)

Have a look what the booklet for
XYZ(20.1786, 26.8254, 15.2774)
contains.

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Color

**XYZ(20.1496, 26.8117,
15.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	719860
RGB	113, 152, 96
RGB Percent	44%, 60%, 38%
CMY	0.5569, 0.4039, 0.6235
CMYK	0.26, 0.00, 0.37, 0.40
HSL	102°, 23%, 49%
HSV	102°, 37%, 60%
XYZ	20.1496, 26.8117, 15.1795
YIQ	133.9550, -5.2680, -25.6840

Conversions

Conversions Part 2

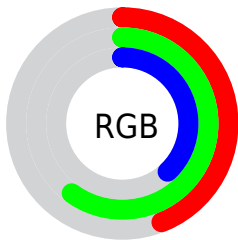
Format	Color
R_{YB}	96, 152, 135
Decimal	7444576
CIE _{Lab}	58.80, -24.28, 25.26
CIE _{LCh}	59, 35.036, 133.863
Yxy	26.8117, 0.3243, 0.4315
Android (android.graphics.Color)	4285634656 (0xFF719860)
YUV	133.9550, -18.7118, -18.3775
Hunter-Lab	51.7800, -21.1538, 18.8649

Details

The XYZ color **20.1496, 26.8117, 15.1795** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8432, 15.7844, 31.7080**, and the grayscale version is **22.7120, 23.8948, 26.0214**.

A 20% lighter version of the original color is **43.0637, 54.3562, 35.8259**, and **7.2580, 10.5859, 4.5665** is the 20% darker color. If you saturate the color by 10%, you get **18.2331, 25.8977, 11.7833**, and if you desaturate by 10%, it is **22.3617, 27.8641, 19.2970**.

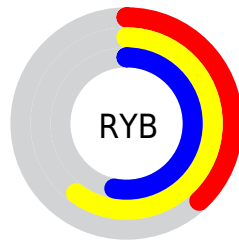
Distribution



Red (44%)

Green (60%)

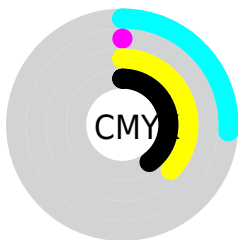
Blue (38%)



Red (38%)

Yellow (60%)

Blue (53%)

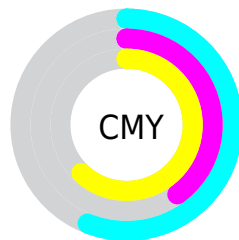


Cyan (26%)

Magenta (0%)

Yellow (37%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1496, 26.8117, 15.1795 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 20.1496, 26.8117, 15.1795 by changing the saturation by 10% instead.

■ 20.1496, 26.8117,
15.1795

■ 20.1496, 26.8117,
15.1795

245.5420,
286.7442, 236.1282

■ 12.6127, 17.4319,
8.7974

■ 43.1699, 54.5816,
35.9145

■ 7.2376, 10.5429,
4.5143

■ 59.3840, 73.7404,
51.1046

■ 3.6588, 5.7604,
1.9115

■ 79.2213, 96.9276,
70.0677

■ 1.5110, 2.6999,
0.5000

■ 103.0470,
124.5277, 93.2224

■ 0.3333, 0.9772,
0.0000

131.2266,
156.9250, 120.9873

■ 0.0000, 0.0000,
0.0000

164.1254,

194.5039, 153.7808

202.1087,
237.6489, 192.0216

■ 20.1496, 26.8117,
15.1795

■ 20.1496, 26.8117,
15.1795

■ 18.2331, 25.8977,
11.7833

■ 22.3617, 27.8641,
19.2970

■ 16.5968, 25.1127,
9.0653

■ 24.8798, 29.0569,
24.1723

■ 15.2272, 24.4513,
6.9801


■ 27.7162, 30.3966,
29.8414


■ 14.1084, 23.9067,
5.4766


■ 30.8819, 31.8880,
36.3375


■ 13.2227, 23.4709,
4.4952


■ 34.3872, 33.5359,
43.6921


 12.5451, 23.1331,
3.9418

 38.2423, 35.3449,
51.9347

 12.3618, 23.0416,
3.7959

 42.4566, 37.3191,
61.0938

 47.0395, 39.4627,
71.1963

 51.9996, 41.7798,
82.2682

Harmonies

Analogous

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



23.5446, 26.8117, 11.6507



20.1496, 26.8117, 15.1795



18.3074, 26.8117, 23.0672

Triad

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



20.1496, 26.8117, 15.1795



23.2437, 26.8117, 58.5319



34.4304, 26.8117, 23.8557

Complementary

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



20.1496, 26.8117, 15.1795



19.8432, 15.7844, 31.7080

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.



34.3262, 26.8117, 36.3182



20.1496, 26.8117, 15.1795



27.5265, 26.8117, 58.9215

Square

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



20.1496, 26.8117, 15.1795



19.9509, 26.8117, 48.9785



31.6848, 26.8117, 49.9275



31.9552, 26.8117, 15.6154

Rectangle

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



20.1496, 26.8117, 15.1795



18.0610, 26.8117, 30.8257



31.6848, 26.8117, 49.9275



34.7038, 26.8117, 27.6197

Sweetspot

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



20.1503, 26.8129, 15.1801



46.6607, 52.5843, 48.1201



23.6233, 24.6451, 14.5786



10.4654, 11.8856, 10.6572



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.1503, 26.8129, 15.1801



32.8137, 46.0121, 21.8911



18.6683, 25.9906, 17.7418



6.2997, 7.0120, 6.6273



10.3930, 19.3337, 3.1840



0.1892, 0.3065, 0.0492

Inverse Universe

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



19.8432, 15.7844, 31.7080



32.1797, 23.7039, 55.3129



21.9952, 16.9868, 27.6070



6.2786, 6.2295, 7.8005



9.7545, 4.4796, 25.2582



0.1822, 0.0857, 0.3793

Previews

White Background



This preview shows how the XYZ color 20.1496, 26.8117, 15.1795 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 20.1496, 26.8117, 15.1795 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 20.1496, 26.8117, 15.1795

Background



This preview shows how black text looks on a background with the XYZ color 20.1496, 26.8117, 15.1795.



This preview shows how white text looks on a background with the XYZ color 20.1496, 26.8117,

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

20.1496, 26.8117, 15.1795

Protanopia

24.5935, 26.5948, 13.9623

Deuteranopia

27.1127, 26.5729, 15.7567



Tritanopia

24.2945, 26.8621, 35.3569

Trichromacy



Original Color

20.1496, 26.8117, 15.1795

Protanomaly

22.5824, 26.4444, 14.2700

Deuteranomaly

23.9898, 26.2465, 15.6061

Tritanomaly

22.5007, 26.8230, 26.5457

Monochromacy



Original Color

20.1496, 26.8117, 15.1795

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.5192, 24.8414, 21.4300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1496, 26.8117, 15.1795 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(113, 152, 96)` looks like.

```
.text, #text, p{  
    color:rgb(113, 152, 96)  
}
```

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(113, 152, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 152, 96) }
```

Border

The CSS property to change the border of an element to XYZ 20.1496, 26.8117, 15.1795 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(113, 152, 96) }
```


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

```
.border{ border-color:rgb(113, 152, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 152, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 152, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 152, 96);  
box-shadow:4px 4px 4px 4px rgb(113, 152,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1496, 26.8117, 15.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 152, 96) }
```

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

```
.background{ background-color: rgb(113,  
152, 96) }
```

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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