

Converting Colors

XYZ(21.4914, 26.1951, 20.9336)

Have a look what the booklet for
XYZ(21.4914, 26.1951, 20.9336)
contains.

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Color

**XYZ(21.4495, 26.1685,
21.0601)**

Conversions

Conversions Part 1	
Format	Color
Hex	789376
RGB	120, 147, 118
RGB Percent	47%, 58%, 46%
CMY	0.5294, 0.4235, 0.5372
CMYK	0.18, 0.00, 0.20, 0.42
HSL	116°, 12%, 52%
HSV	116°, 20%, 58%
XYZ	21.4495, 26.1685, 21.0601
YIQ	135.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

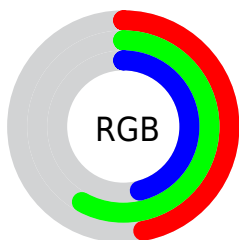
Format	Color
RYB	118, 147, 145
Decimal	7902070
CIELab	58.20, -15.40, 12.26
CIELCh	58, 19.685, 141.473
Yxy	26.1685, 0.3123, 0.3810
Android (android.graphics.Color)	4286092150 (0xFF789376)
YUV	135.6210, -8.6872, -13.6996
Hunter-Lab	51.1552, -14.6760, 11.3995

Details

The XYZ color **21.4495, 26.1685, 21.0601** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.4230, 21.0839, 30.4402**, and the grayscale version is **23.2939, 24.5070, 26.6881**.

A 20% lighter version of the original color is **45.3759, 53.5598, 45.9767**, and **7.8869, 10.1475, 7.3373** is the 20% darker color. If you saturate the color by 10%, you get **18.8788, 24.9372, 16.7297**, and if you desaturate by 10%, it is **24.4291, 27.5964, 26.1215**.

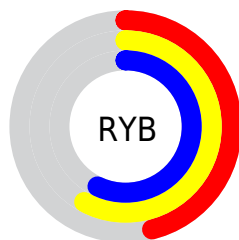
Distribution



Red (47%)

Green (58%)

Blue (46%)



Red (46%)

Yellow (58%)

Blue (57%)

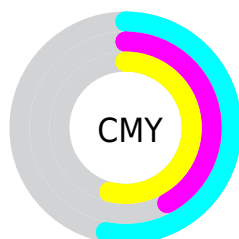


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (53%)


Magenta (42%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4495, 26.1685, 21.0601 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 21.4495, 26.1685, 21.0601 by changing the saturation by 10% instead.


 21.4495, 26.1685,
21.0601


 21.4495, 26.1685,
21.0601


252.3445,
283.6083, 270.3893


 13.5673, 16.9497,
12.9763


 45.3201, 53.5467,
46.0696

 7.9000, 10.1987,
7.2817


 62.0392, 72.4748,
63.8324

 4.0823, 5.5309,
3.5578


 82.4347, 95.4083,
85.6586

 1.7488, 2.5620,
1.3860

106.8718,
122.7314, 111.9667

 0.4865, 0.9076,
0.1308


135.7160,
154.8285, 143.1753


 0.0000, 0.0000,
0.0000

169.3326,

192.0841, 179.7028


208.0870,
234.8826, 221.9680


 21.4495, 26.1685,
21.0601


 21.4495, 26.1685,
21.0601


 18.8788, 24.9372,
16.7297

 24.4291, 27.5964,
26.1215


 16.6973, 23.8908,
13.0949


 27.8322, 29.2254,
31.9436


 14.8864, 23.0212,
10.1199


 31.6752, 31.0641,
38.5567


 13.4257, 22.3188,
7.7653


 35.9730, 33.1197,
45.9887


 12.2923, 21.7727,
5.9871


 40.7399, 35.3988,
54.2664


 11.4610, 21.3710,
4.7359


 45.9895, 37.9080,
63.4152

 10.9025, 21.0998,
3.9537

 51.7347, 40.6534,
73.4595

 10.5680, 20.9371,
3.4957

 57.9882, 43.6411,
84.4228

 10.5611, 20.9338,
3.4840

 64.7621, 46.8766,
96.3276

Harmonies

Analogous

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



23.2287, 26.1685, 17.9216



21.4495, 26.1685, 21.0601



20.6011, 26.1685, 26.5869

Triad

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



21.4495, 26.1685, 21.0601



24.1976, 26.1685, 43.5815



29.3960, 26.1685, 23.9440

Complementary

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



21.4495, 26.1685, 21.0601



23.4230, 21.0839, 30.4402

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.



29.6966, 26.1685, 30.4882



21.4495, 26.1685, 21.0601



26.5919, 26.1685, 42.5703

Square

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



21.4495, 26.1685, 21.0601



22.1198, 26.1685, 40.0720



28.6413, 26.1685, 37.4966



27.8443, 26.1685, 19.3917

Rectangle

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



21.4495, 26.1685, 21.0601



20.6373, 26.1685, 31.1904



28.6413, 26.1685, 37.4966



29.6505, 26.1685, 25.9559

Sweetspot

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



21.4502, 26.1696, 21.0607



45.8552, 50.4283, 50.3767



25.3656, 27.6360, 21.1373



10.3895, 11.4742, 11.3661



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.



21.4502, 26.1696, 21.0607



36.1293, 45.7699, 33.8600



21.9406, 26.3341, 25.0758



5.7645, 6.4864, 6.1886



9.1643, 18.1523, 3.0207



0.1195, 0.2260, 0.0373

Inverse Universe

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



23.4230, 21.0839, 30.4402



40.3705, 34.8327, 54.0302



22.8793, 20.9075, 25.7215



5.9963, 5.8891, 7.2904



13.4987, 6.4314, 24.4610



0.1748, 0.0836, 0.2998

Previews

White Background



This preview shows how the XYZ color 21.4495, 26.1685, 21.0601 looks on a white background.

Color Contrast Check

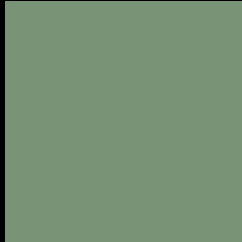
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4495, 26.1685, 21.0601 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 21.4495, 26.1685, 21.0601

Background



This preview shows how black text looks on a background with the XYZ color 21.4495, 26.1685, 21.0601.



This preview shows how white text looks on a background with the XYZ color 21.4495, 26.1685,

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

21.4495, 26.1685, 21.0601

Protanopia

24.4826, 25.9760, 19.6431

Deuteranopia

26.4735, 25.9043, 21.6939



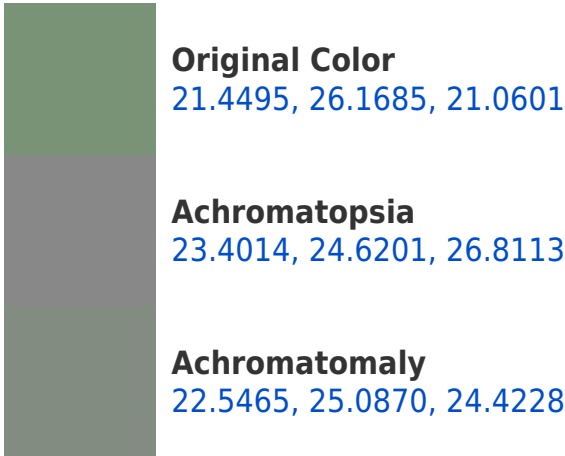
Tritanopia

24.0270, 26.0815, 33.9049

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4495, 26.1685, 21.0601 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(120, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 147, 118)  
}
```

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(120, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 147, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.4495, 26.1685, 21.0601 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(120, 147, 118) }
```


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

```
.border{ border-color:rgb(120, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 147,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4495, 26.1685, 21.0601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 147, 118) }
```

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

```
.background{ background-color: rgb(120,  
147, 118) }
```

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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