

Converting Colors

XYZ(21.1517, 25.3450, 20.3003)

Have a look what the booklet for
XYZ(21.1517, 25.3450, 20.3003)
contains.

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Color

**XYZ(21.1517, 25.3450,
20.3003)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9074
RGB	122, 144, 116
RGB Percent	48%, 56%, 45%
CMY	0.5216, 0.4353, 0.5451
CMYK	0.15, 0.00, 0.19, 0.44
HSL	107°, 11%, 51%
HSV	107°, 19%, 56%
XYZ	21.1517, 25.3450, 20.3003
YIQ	134.2300, -4.1240, -13.3720

Conversions

Conversions Part 2

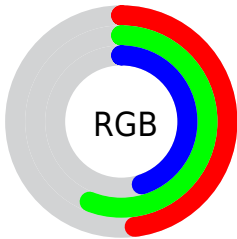
Format	Color
R_{YB}	116, 144, 138
Decimal	8032372
CIE _{Lab}	57.41, -13.43, 12.31
CIE _{LCh}	57, 18.217, 137.473
Yxy	25.3450, 0.3167, 0.3794
Android (android.graphics.Color)	4286222452 (0xFF7A9074)
YUV	134.2300, -8.9874, -10.7257
Hunter-Lab	50.3438, -13.1058, 11.3330

Details

The XYZ color **21.1517, 25.3450, 20.3003** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.7616, 19.9084, 29.0825**, and the grayscale version is **22.7783, 23.9645, 26.0974**.

A 20% lighter version of the original color is **44.9412, 52.3293, 44.7777**, and **7.7937, 9.8392, 6.9572** is the 20% darker color. If you saturate the color by 10%, you get **18.8684, 24.2580, 16.1547**, and if you desaturate by 10%, it is **23.7528, 26.5823, 25.1397**.

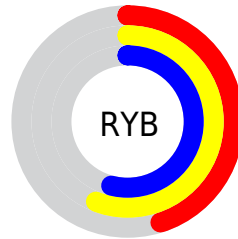
Distribution



Red (48%)

Green (56%)

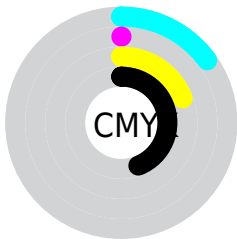
Blue (45%)



Red (45%)

Yellow (56%)

Blue (54%)

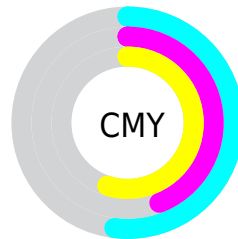


Cyan (15%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1517, 25.3450, 20.3003 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 21.1517, 25.3450, 20.3003 by changing the saturation by 10% instead.

■ 21.1517, 25.3450,
20.3003

■ 21.1517, 25.3450,
20.3003

250.8001,
279.5517, 266.1940

■ 13.3480, 16.3343,
12.4273

■ 44.8292, 52.2164,
44.7857

■ 7.7473, 9.7610,
6.9093

■ 61.4338, 70.8458,
62.2351

■ 3.9841, 5.2408,
3.3279

■ 81.7028, 93.4502,
83.7137

■ 1.6931, 2.3892,
1.2644

106.0014,
120.4141, 109.6401

■ 0.4520, 0.8203,
0.0323

134.6951,
152.1218, 140.4328

■ 0.0000, 0.0000,
0.0000

168.1492,

188.9577, 176.5103

206.7291,
231.3062, 218.2912

■ 21.1517, 25.3450,
20.3003

■ 21.1517, 25.3450,
20.3003

■ 18.8684, 24.2580,
16.1547

■ 23.7528, 26.5823,
25.1397

■ 16.8885, 23.3125,
12.6695

■ 26.6814, 27.9719,
30.7009

■ 15.1996, 22.5033,
9.8112

■ 29.9491, 29.5202,
37.0125

■ 13.7874, 21.8241,
7.5424

■ 33.5665, 31.2319,
44.1008

■ 12.6367, 21.2677,
5.8219

■ 37.5436, 33.1116,
51.9910

■ 11.7303, 20.8265,
4.6033

■ 41.8901, 35.1639,
60.7072

■ 11.0491, 20.4917,
3.8324

■ 46.6152, 37.3930,
70.2724

■ 10.5578, 20.2480,
3.3748

■ 51.7279, 39.8030,
80.7087

■ 10.5344, 20.2365,
3.3508

■ 57.2370, 42.3979,
92.0375

Harmonies

Analogous

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



22.8619, 25.3450, 17.7195



21.1517, 25.3450, 20.3003



20.2521, 25.3450, 25.0918

Triad

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



21.1517, 25.3450, 20.3003



23.1985, 25.3450, 40.9393



28.2802, 25.3450, 24.1710

Complementary

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



21.1517, 25.3450, 20.3003



21.7616, 19.9084, 29.0825

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.



28.3838, 25.3450, 30.2624



21.1517, 25.3450, 20.3003



25.3606, 25.3450, 40.5941

Square

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



21.1517, 25.3450, 20.3003



21.3854, 25.3450, 37.3422



27.2878, 25.3450, 36.4596



27.0128, 25.3450, 19.7135

Rectangle

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



21.1517, 25.3450, 20.3003



20.1954, 25.3450, 29.1754



27.2878, 25.3450, 36.4596



28.4549, 25.3450, 26.0755

Sweetspot

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



21.1524, 25.3461, 20.3009



43.5433, 47.6665, 47.4532



23.7339, 25.3492, 20.1654



9.9201, 10.9000, 10.7584



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.



21.1524, 25.3461, 20.3009



35.6183, 43.8990, 32.7161



20.8104, 25.1141, 22.7980



5.4442, 6.0816, 5.7763



9.1904, 17.6304, 2.9186



0.1036, 0.1766, 0.0286

Inverse Universe

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



21.7616, 19.9084, 29.0825



36.8779, 32.6417, 50.8948



22.1965, 20.2002, 26.0475



5.5147, 5.4535, 6.7907



10.3505, 4.8295, 23.3637



0.1172, 0.0556, 0.2242

Previews

White Background



This preview shows how the XYZ color 21.1517, 25.3450, 20.3003 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 21.1517, 25.3450, 20.3003 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

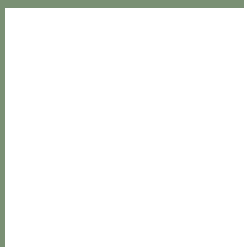
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1517, 25.3450, 20.3003

Background



This preview shows how black text looks on a background with the XYZ color 21.1517, 25.3450, 20.3003.



This preview shows how white text looks on a background with the XYZ color 21.1517, 25.3450,

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

21.1517, 25.3450, 20.3003

Protanopia

23.7804, 25.1946, 19.2325

Deuteranopia

25.6218, 25.0796, 20.6300



Tritanopia

23.6397, 25.2564, 32.4832

Trichromacy



Original Color

21.1517, 25.3450, 20.3003

Protanomaly

22.7319, 25.2894, 19.6028

Deuteranomaly

23.6921, 24.9124, 20.3895

Tritanomaly

22.7165, 25.3204, 27.7348

Monochromacy



Original Color

21.1517, 25.3450, 20.3003

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1252, 24.4551, 23.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1517, 25.3450, 20.3003 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(122, 144, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 144, 116)  
}
```

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(122, 144, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 144, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.1517, 25.3450, 20.3003 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(122, 144, 116) }
```


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

```
.border{ border-color:rgb(122, 144, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 144, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 144, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 144, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 144,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1517, 25.3450, 20.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 144, 116) }
```

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

```
.background{ background-color: rgb(122,  
144, 116) }
```

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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