

Converting Colors

XYZ(25.6449, 20.4315, 14.5293)

Have a look what the booklet for
XYZ(25.6449, 20.4315, 14.5293)
contains.

XYZ(25.7119, 20.4882, 14.6560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7119, 20.4882,
14.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	B26964
RGB	178, 105, 100
RGB Percent	70%, 41%, 39%
CMY	0.3020, 0.5882, 0.6078
CMYK	0.00, 0.41, 0.44, 0.30
HSL	4°, 34%, 55%
HSV	4°, 44%, 70%
XYZ	25.7119, 20.4882, 14.6560
YIQ	126.2570, 45.1130, 13.9210

Conversions

Conversions Part 2

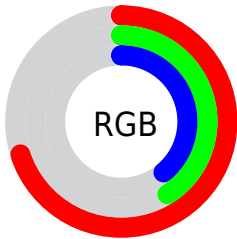
Format	Color
R_{YB}	178, 105, 100
Decimal	11692388
CIE _{Lab}	52.38, 28.61, 15.41
CIE _{LCh}	52, 32.494, 28.303
Yxy	20.4882, 0.4225, 0.3367
Android (android.graphics.Color)	4289882468 (0xFFB26964)
YUV	126.2570, -12.9447, 45.3786
Hunter-Lab	45.2639, 22.1841, 12.4872

Details

The XYZ color **25.7119, 20.4882, 14.6560** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2342, 35.8092, 47.5432**, and the grayscale version is **19.9511, 20.9901, 22.8582**.

A 20% lighter version of the original color is **52.2350, 44.1812, 35.0529**, and **10.0828, 7.2230, 4.2309** is the 20% darker color. If you saturate the color by 10%, you get **23.4090, 17.1138, 10.0922**, and if you desaturate by 10%, it is **28.5365, 24.6047, 20.3226**.

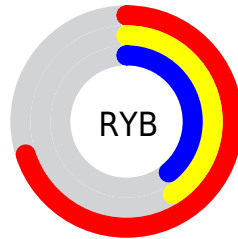
Distribution



Red (70%)

Green (41%)

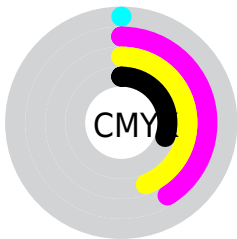
Blue (39%)



Red (70%)

Yellow (41%)

Blue (39%)

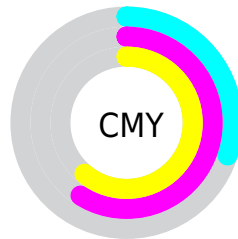


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (30%)



Cyan (30%)


Magenta (59%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7119, 20.4882, 14.6560 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 25.7119, 20.4882, 14.6560 by changing the saturation by 10% instead.


 25.7119, 20.4882,
14.6560


 25.7119, 20.4882,
14.6560


273.6476,
254.5459, 232.8431

 16.7398, 12.7504,
8.4344


 52.2444, 44.2342,
34.9823


 10.1433, 7.2569,
4.2824


 70.5355, 61.0112,
49.9240

 5.5571, 3.6233,
1.7815

 92.6637, 81.5700,
68.6096

 2.6157, 1.4651,
0.4157

 118.9943,
106.2951, 91.4575

 0.9540, 0.2640,
0.0000

149.8926,
135.5709, 118.8862

 0.0000, 0.0000,
0.0000

185.7240,

169.7816, 151.3144

226.8539,
209.3119, 189.1605

■ 25.7119, 20.4882,
14.6560

■ 25.7119, 20.4882,
14.6560

■ 23.4090, 17.1138,
10.0922

■ 28.5365, 24.6047,
20.3226

■ 21.5942, 14.4343,
6.5584

■ 31.9102, 29.5004,
27.1563

■ 20.2328, 12.4023,
3.9748


■ 35.8608, 35.2138,
35.2176


■ 19.2845, 10.9629,
2.2492


■ 40.4134, 41.7799,
44.5627


■ 18.7020, 10.0521,
1.2712

■ 45.5917, 49.2317,
55.2442

 18.4846, 9.7141,
0.9008

 51.4182, 57.6003,
67.3117

 57.9143, 66.9155,
80.8124

 65.1002, 77.2056,
95.7912

 72.1467, 88.1582,
107.8215

Harmonies

Analogous

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



26.6462, 20.4882, 22.8588



25.7119, 20.4882, 14.6560



23.0571, 20.4882, 10.0073

Triad

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



25.7119, 20.4882, 14.6560



14.4917, 20.4882, 13.9527



19.2833, 20.4882, 46.2896

Complementary

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



25.7119, 20.4882, 14.6560



28.2342, 35.8092, 47.5432

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.



16.2818, 20.4882, 41.9689



25.7119, 20.4882, 14.6560



13.7193, 20.4882, 21.7664

Square

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



25.7119, 20.4882, 14.6560



16.5767, 20.4882, 9.6906



14.3357, 20.4882, 32.2458



22.6894, 20.4882, 42.8067

Rectangle

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



25.7119, 20.4882, 14.6560



20.8085, 20.4882, 8.6827



14.3357, 20.4882, 32.2458



18.1967, 20.4882, 45.6823

Sweetspot

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



25.7124, 20.4892, 14.6564



65.4917, 64.5226, 64.8071



30.5670, 21.6393, 42.6612



14.1382, 13.7584, 13.5979



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.7124, 20.4892, 14.6564



42.4146, 30.9815, 18.2305



30.4678, 30.0001, 16.2415



8.5387, 8.5899, 8.8605



13.2434, 6.9854, 0.6503



0.4311, 0.2486, 0.0253

Inverse Universe

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



28.2342, 35.8092, 47.5432



47.5856, 62.4814, 85.9333



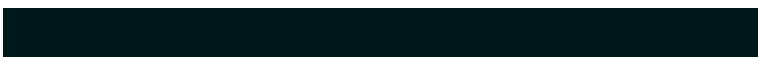
21.9694, 23.2797, 45.4549



8.6951, 9.5363, 10.8887



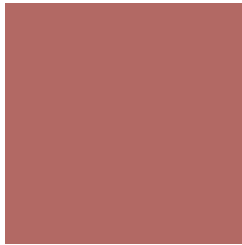
15.5999, 22.0001, 33.5612



0.5047, 0.7200, 1.0606

Previews

White Background



This preview shows how the XYZ color 25.7119, 20.4882, 14.6560 looks on a white background.

Color Contrast Check

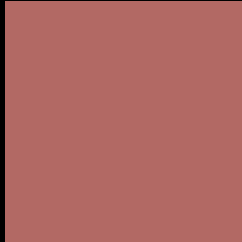
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7119, 20.4882, 14.6560 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 25.7119, 20.4882, 14.6560

Background



This preview shows how black text looks on a background with the XYZ color 25.7119, 20.4882, 14.6560.



This preview shows how white text looks on a background with the XYZ color 25.7119, 20.4882,

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

25.7119, 20.4882, 14.6560

Protanopia

19.5082, 20.6183, 17.7034

Deuteranopia

20.9068, 20.4991, 14.1641



Tritanopia

26.3099, 20.4319, 17.5960

Trichromacy



Original Color

25.7119, 20.4882, 14.6560

Protanomaly

21.2927, 20.2934, 16.4304

Deuteranomaly

22.4359, 20.4124, 14.3128

Tritanomaly

26.1946, 20.5459, 16.4951

Monochromacy



Original Color

25.7119, 20.4882, 14.6560

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3664, 20.2610, 19.6142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7119, 20.4882, 14.6560 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(178, 105, 100)` looks like.

```
.text, #text, p{  
    color:rgb(178, 105, 100)  
}
```

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(178, 105, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 105, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.7119, 20.4882, 14.6560 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(178, 105, 100) }
```


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

```
.border{ border-color:rgb(178, 105, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 105, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 105, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 105, 100);  
box-shadow:4px 4px 4px 4px rgb(178, 105,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7119, 20.4882, 14.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 105, 100) }
```

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

```
.background{ background-color: rgb(178,  
105, 100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor