

Converting Colors

XYZ(20.6754, 25.9925, 10.9485)

Have a look what the booklet for
XYZ(20.6754, 25.9925, 10.9485)
contains.

XYZ(20.6754, 25.9925, 10.9485)	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(20.6754, 25.9925,
10.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	80934D
RGB	128, 147, 77
RGB Percent	50%, 58%, 30%
CMY	0.4980, 0.4235, 0.6980
CMYK	0.13, 0.00, 0.48, 0.42
HSL	76°, 31%, 44%
HSV	76°, 48%, 58%
XYZ	20.6754, 25.9925, 10.9485
YIQ	133.3390, 11.1460, -25.7980

Conversions

Conversions Part 2

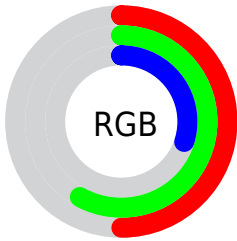
Format	Color
RYB	77, 147, 96
Decimal	8426317
CIELab	58.03, -18.39, 34.64
CIElCh	58, 39.214, 117.965
Yxy	25.9925, 0.3588, 0.4511
Android (android.graphics.Color)	4286616397 (0xFF80934D)
YUV	133.3390, -27.7751, -4.6823
Hunter-Lab	50.9828, -16.8317, 22.9555

Details

The XYZ color **20.6754, 25.9925, 10.9485** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.7452, 9.9018, 28.8448**, and the grayscale version is **22.5139, 23.6864, 25.7945**.

A 20% lighter version of the original color is **44.0088, 53.2507, 28.0376**, and **7.4652, 10.0322, 2.7054** is the 20% darker color. If you saturate the color by 10%, you get **19.6256, 25.5055, 8.4896**, and if you desaturate by 10%, it is **21.8674, 26.5409, 14.0275**.

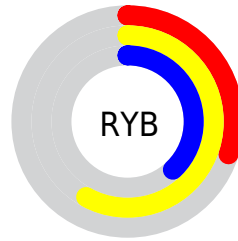
Distribution



Red (50%)

Green (58%)

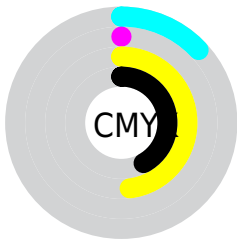
Blue (30%)



Red (30%)

Yellow (58%)

Blue (38%)

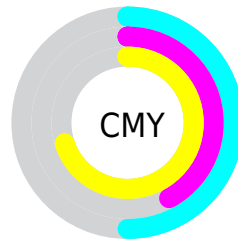


Cyan (13%)

Magenta (0%)

Yellow (48%)

Black (42%)



Cyan (50%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6754, 25.9925, 10.9485 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 20.6754, 25.9925, 10.9485 by changing the saturation by 10% instead.

■ 20.6754, 25.9925,
10.9485

■ 20.6754, 25.9925,
10.9485

248.3128,
282.7453, 208.0386

■ 12.9980, 16.8180,
5.9185

■ 44.0420, 53.2628,
28.2001

■ 7.5042, 10.1048,
2.7276

■ 60.4620, 72.1275,
41.2587

■ 3.8285, 5.4685,
0.9573

■ 80.5270, 94.9910,
57.8307

■ 1.6056, 2.5247,
0.0000

■ 104.6022,
122.2378, 78.3344

■ 0.3960, 0.8890,
0.0000

■ 133.0530,
154.2522, 103.1886

■ 0.0000, 0.0000,
0.0000

166.2448,

191.4187, 132.8116

204.5430,
234.1215, 167.6221

■ 20.6754, 25.9925,
10.9485

■ 20.6754, 25.9925,
10.9485

■ 19.6256, 25.5055,
8.4896

■ 21.8674, 26.5409,
14.0275

■ 18.7079, 25.0731,
6.6069

■ 23.2072, 27.1503,
17.7631

■ 17.9136, 24.6928,
5.2536


■ 24.7024, 27.8247,
22.1910


■ 17.2320, 24.3601,
4.3746


■ 26.3594, 28.5666,
27.3439


■ 16.6435, 24.0673,
3.8688

■ 28.1844, 29.3785,
33.2524

 16.5093, 24.0004,
3.7624

 30.1830, 30.2627,
39.9453

 32.3606, 31.2215,
47.4498

 34.7224, 32.2569,
55.7919

 37.2735, 33.3709,
64.9966

Harmonies

Analogous

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



25.0299, 25.9925, 9.4176



20.6754, 25.9925, 10.9485



17.7603, 25.9925, 16.5973

Triad

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



20.6754, 25.9925, 10.9485



20.1819, 25.9925, 56.6736



34.9712, 25.9925, 29.2379

Complementary

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



20.6754, 25.9925, 10.9485



12.7452, 9.9018, 28.8448

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.



33.2586, 25.9925, 44.5153



20.6754, 25.9925, 10.9485



24.3831, 25.9925, 63.1932

Square

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



20.6754, 25.9925, 10.9485



17.5020, 25.9925, 42.3804



29.2271, 25.9925, 58.1580



33.6545, 25.9925, 17.7470

Rectangle

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



20.6754, 25.9925, 10.9485



16.8249, 25.9925, 23.2034



29.2271, 25.9925, 58.1580



34.7266, 25.9925, 34.0963

Sweetspot

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



20.6760, 25.9937, 10.9491



45.1919, 50.2563, 42.6659



17.5256, 15.0447, 9.0017



10.1858, 11.4139, 9.3386



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.



20.6760, 25.9937, 10.9491



35.0479, 45.6290, 14.9902



16.3222, 23.7492, 10.7453



6.1135, 6.6663, 6.2050



14.3363, 20.8185, 3.2628



0.2037, 0.2694, 0.0413

Inverse Universe

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



12.7452, 9.9018, 28.8448



19.1274, 13.2768, 50.9891



17.2298, 12.2137, 29.0547



5.6385, 5.7046, 7.2737



5.3425, 2.2267, 24.0793



0.0905, 0.0402, 0.2959

Previews

White Background



This preview shows how the XYZ color 20.6754, 25.9925, 10.9485 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 20.6754, 25.9925, 10.9485 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 20.6754, 25.9925, 10.9485

Background



This preview shows how black text looks on a background with the XYZ color 20.6754, 25.9925, 10.9485.



This preview shows how white text looks on a background with the XYZ color 20.6754, 25.9925,

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

20.6754, 25.9925, 10.9485

Protanopia

23.6055, 25.7320, 10.2012

Deuteranopia

26.1977, 25.7893, 11.1865



Tritanopia

25.0542, 25.9856, 32.5494

Trichromacy



Original Color

20.6754, 25.9925, 10.9485

Protanomaly

22.4446, 25.7833, 10.4503

Deuteranomaly

23.8262, 25.6115, 11.0849

Tritanomaly

23.0797, 25.8444, 22.5109

Monochromacy



Original Color

20.6754, 25.9925, 10.9485

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4292, 24.1945, 19.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6754, 25.9925, 10.9485 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(128, 147, 77)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 77)  
}
```

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(128, 147, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 77) }
```

Border

The CSS property to change the border of an element to XYZ 20.6754, 25.9925, 10.9485 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(128, 147, 77) }
```


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

```
.border{ border-color:rgb(128, 147, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 147, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 77);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6754, 25.9925, 10.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 77) }
```

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

```
.background{ background-color: rgb(128,  
147, 77) }
```

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