

Converting Colors

XYZ(16.5762, 25.7866, 11.3114)

Have a look what the booklet for
XYZ(16.5762, 25.7866, 11.3114)
contains.

XYZ(16.5762, 25.7866, 11.3114)	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(16.5762, 25.7866,
11.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	529B4E
RGB	82, 155, 78
RGB Percent	32%, 61%, 31%
CMY	0.6784, 0.3921, 0.6941
CMYK	0.47, 0.00, 0.50, 0.39
HSL	117°, 33%, 46%
HSV	117°, 50%, 61%
XYZ	16.5762, 25.7866, 11.3114
YIQ	124.3950, -18.7910, -39.4230

Conversions

Conversions Part 2

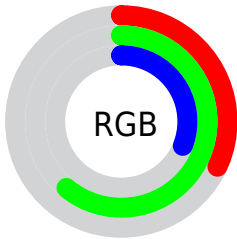
Format	Color
RYB	78, 155, 151
Decimal	5413710
CIELab	57.83, -38.90, 33.28
CIELCh	58, 51.192, 139.449
Yxy	25.7866, 0.3088, 0.4804
Android (android.graphics.Color)	4283603790 (0xFF529B4E)
YUV	124.3950, -22.8727, -37.1804
Hunter-Lab	50.7805, -30.5984, 22.3395

Details

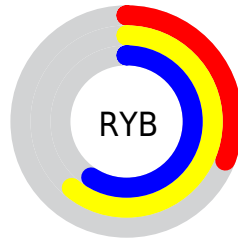
The XYZ color **16.5762, 25.7866, 11.3114** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **21.4045, 14.3955, 32.6622**, and the grayscale version is **19.3692, 20.3779, 22.1916**.

A 20% lighter version of the original color is **37.1624, 52.9124, 29.0233**, and **5.4855, 10.0009, 2.8695** is the 20% darker color. If you saturate the color by 10%, you get **14.9409, 25.0012, 8.6682**, and if you desaturate by 10%, it is **18.6174, 26.7677, 14.6584**.

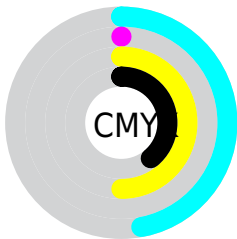
Distribution



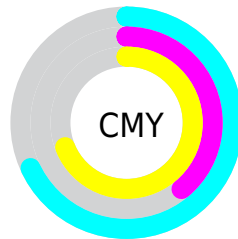
- Red (32%)
- Green (61%)
- Blue (31%)



- Red (31%)
- Yellow (61%)
- Blue (59%)



- Cyan (47%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (68%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5762, 25.7866, 11.3114 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 16.5762, 25.7866, 11.3114 by changing the saturation by 10% instead.

■ 16.5762, 25.7866,
11.3114

■ 16.5762, 25.7866,
11.3114

225.9223,
281.7329, 210.6052

■ 10.0262, 16.6641,
6.1599

■ 37.1451, 52.9305,
28.8800

■ 5.4787, 9.9953,
2.8722

■ 51.8947, 71.7206,
42.1341

■ 2.5684, 5.3958,
1.0297

■ 70.1083, 94.5021,
58.9262

■ 0.9299, 2.4813,
0.0000

■ 92.1511, 121.6592,
79.6749

■ 0.0000, 0.8673,
0.0000

■ 118.3886,
153.5765, 104.7985

■ 0.0000, 0.0000,
0.0000

149.1860,

190.6383, 134.7158

184.9088,
233.2290, 169.8452

■ 16.5762, 25.7866,
11.3114

■ 16.5762, 25.7866,
11.3114

■ 14.9409, 25.0012,
8.6682

■ 18.6174, 26.7677,
14.6584

■ 13.6828, 24.3953,
6.6771

■ 21.0873, 27.9529,
18.7528

■ 12.7720, 23.9558,
5.2820


■ 24.0089, 29.3540,
23.6365


■ 12.1738, 23.6659,
4.4166

■ 27.4033, 30.9809,
29.3479


■ 11.8313, 23.4998,
3.9267


■ 31.2901, 32.8432,
35.9228

 11.8226, 23.4957,
3.9120

 35.6880, 34.9495,
43.3951

 40.6144, 37.3083,
51.7966

 46.0862, 39.9276,
61.1578

 52.1193, 42.8150,
71.5077

Harmonies

Analogous

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



20.7783, 25.7866, 6.7178



16.5762, 25.7866, 11.3114



14.6237, 25.7866, 22.3205

Triad

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



16.5762, 25.7866, 11.3114



22.4069, 25.7866, 76.2770



37.4389, 25.7866, 18.2413

Complementary

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



16.5762, 25.7866, 11.3114



21.4045, 14.3955, 32.6622

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.



38.0725, 25.7866, 34.7473



16.5762, 25.7866, 11.3114



28.6623, 25.7866, 73.6591

Square

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



16.5762, 25.7866, 11.3114



17.5963, 25.7866, 62.4802



34.6394, 25.7866, 56.3574



33.0307, 25.7866, 9.4029

Rectangle

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



16.5762, 25.7866, 11.3114



14.5958, 25.7866, 34.0136



34.6394, 25.7866, 56.3574



38.1254, 25.7866, 22.8751

Sweetspot

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



16.5768, 25.7877, 11.3120



45.5543, 53.7942, 46.6267



25.7790, 29.2901, 11.5030



10.0470, 12.0495, 10.1100



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.5768, 25.7877, 11.3120



26.3783, 44.5906, 14.9188



17.7535, 26.2194, 19.2709



6.1604, 6.9401, 6.6207



9.5058, 18.8763, 3.1425



0.1490, 0.2858, 0.0473

Inverse Universe

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



21.4045, 14.3955, 32.6622



36.0574, 21.6861, 57.8217



19.7330, 13.8141, 19.9207



6.4295, 6.3073, 7.8075



14.4197, 6.8847, 25.4766



0.2239, 0.1072, 0.3813

Previews

White Background



This preview shows how the XYZ color 16.5762, 25.7866, 11.3114 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 16.5762, 25.7866, 11.3114 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 16.5762, 25.7866, 11.3114

Background



This preview shows how black text looks on a background with the XYZ color 16.5762, 25.7866, 11.3114.



This preview shows how white text looks on a background with the XYZ color 16.5762, 25.7866,

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

16.5762, 25.7866, 11.3114

Protanopia

23.2071, 25.3202, 9.7950

Deuteranopia

25.7878, 25.3581, 11.9229



Tritanopia

21.4874, 25.6231, 36.1610

Trichromacy



Original Color

16.5762, 25.7866, 11.3114

Protanomaly

19.9617, 24.9530, 10.2429

Deuteranomaly

21.0544, 24.5996, 11.6212

Tritanomaly

19.1235, 25.3552, 24.6550

Monochromacy



Original Color

16.5762, 25.7866, 11.3114

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

17.6245, 21.6407, 17.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5762, 25.7866, 11.3114 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(82, 155, 78)` looks like.

```
.text, #text, p{  
    color:rgb(82, 155, 78)  
}
```

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(82, 155, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 155, 78) }
```

Border

The CSS property to change the border of an element to XYZ 16.5762, 25.7866, 11.3114 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(82, 155, 78) }
```


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

```
.border{ border-color:rgb(82, 155, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 155, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 155, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 155, 78);  
box-shadow:4px 4px 4px 4px rgb(82, 155,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5762, 25.7866, 11.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 155, 78) }
```

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

```
.background{ background-color: rgb(82, 155,  
78) }
```

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