

Converting Colors

XYZ(16.2856, 27.6745, 11.4000)

Have a look what the booklet for
XYZ(16.2856, 27.6745, 11.4000)
contains.

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Color

**XYZ(16.2652, 27.6768,
11.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA34C
RGB	60, 163, 76
RGB Percent	24%, 64%, 30%
CMY	0.7647, 0.3608, 0.7020
CMYK	0.63, 0.00, 0.53, 0.36
HSL	129°, 46%, 44%
HSV	129°, 63%, 64%
XYZ	16.2652, 27.6768, 11.3224
YIQ	122.2850, -33.4610, -48.8930

Conversions

Conversions Part 2

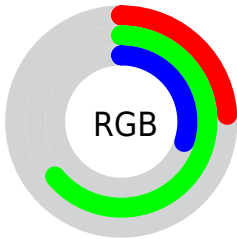
Format	Color
RYB	60, 149, 163
Decimal	3973964
CIELab	59.60, -48.25, 36.29
CIELCh	60, 60.372, 143.053
Yxy	27.6768, 0.2943, 0.5008
Android (android.graphics.Color)	4282164044 (0xFF3CA34C)
YUV	122.2850, -22.8185, -54.6239
Hunter-Lab	52.6087, -36.8779, 24.0658

Details

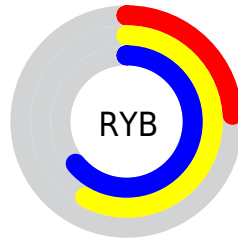
The XYZ color **16.2652, 27.6768, 11.3224** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **21.9874, 13.1254, 28.9792**, and the grayscale version is **18.6727, 19.6451, 21.3935**.

A 20% lighter version of the original color is **36.6335, 56.0469, 28.9660**, and **5.7738, 11.2310, 2.9004** is the 20% darker color. If you saturate the color by 10%, you get **14.9996, 27.0747, 9.0266**, and if you desaturate by 10%, it is **17.9380, 28.4786, 14.1732**.

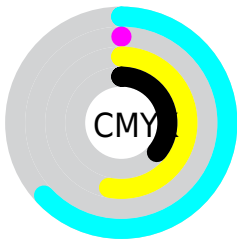
Distribution



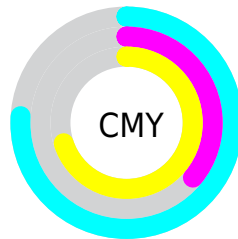
- Red (24%)
- Green (64%)
- Blue (30%)



- Red (24%)
- Yellow (58%)
- Blue (64%)



- Cyan (63%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)



- Cyan (76%)
- Magenta (36%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2652, 27.6768, 11.3224 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 16.2652, 27.6768, 11.3224 by changing the saturation by 10% instead.

■ 16.2652, 27.6768,
11.3224

■ 16.2652, 27.6768,
11.3224

224.1413,
290.9193, 210.6825

■ 9.8040, 18.0822,
6.1672

■ 36.6117, 55.9680,
28.9005

■ 5.3305, 11.0090,
2.8766

■ 51.2278, 75.4334,
42.1606

■ 2.4792, 6.0729,
1.0320

■ 69.2929, 98.9578,
58.9593

■ 0.8848, 2.8895,
0.0000

■ 91.1724, 126.9257,
79.7153

■ 0.0000, 1.0743,
0.0000

■ 117.2317,
159.7214, 104.8470

■ 0.0000, 0.0000,
0.0000

147.8360,

197.7293, 134.7731

183.3507,
241.3338, 169.9121

■ 16.2652, 27.6768,
11.3224

■ 16.2652, 27.6768,
11.3224

■ 14.9996, 27.0747,
9.0266

■ 17.9380, 28.4786,
14.1732

■ 14.1036, 26.6512,
7.2479

■ 20.0471, 29.4920,
17.6101

■ 13.5360, 26.3868,
5.9465

■ 22.6214, 30.7320,
21.6640

■ 13.2767, 26.2670,
5.3083

■ 25.6866, 32.2114,
26.3630

■ 29.2667, 33.9418,
31.7336

■ 33.3839, 35.9343,
37.8008

■ 38.0593, 38.1991,
44.5882

■ 43.3126, 40.7461,
52.1185

■ 49.1627, 43.5844,
60.4133

Harmonies

Analogous

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



20.9856, 27.6768, 5.6930



16.2652, 27.6768, 11.3224



14.2973, 27.6768, 25.3491

Triad

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



16.2652, 27.6768, 11.3224



24.5769, 27.6768, 93.7463



42.1842, 27.6768, 16.5317

Complementary

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



16.2652, 27.6768, 11.3224



21.9874, 13.1254, 28.9792

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.



43.6536, 27.6768, 35.4890



16.2652, 27.6768, 11.3224



32.4572, 27.6768, 87.4226

Square

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



16.2652, 27.6768, 11.3224



18.4596, 27.6768, 77.5201



39.8074, 27.6768, 62.9639



36.1098, 27.6768, 7.5286

Rectangle

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



16.2652, 27.6768, 11.3224



14.4782, 27.6768, 40.6173



39.8074, 27.6768, 62.9639



43.2756, 27.6768, 21.6323

Sweetspot

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



16.2659, 27.6779, 11.3230



48.3500, 58.8208, 50.7583



26.0453, 32.7759, 9.2289



10.4801, 13.0277, 10.8285



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



16.2659, 27.6779, 11.3230



26.1081, 48.1295, 14.7121



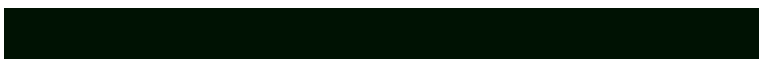
18.7890, 28.6872, 24.6093



7.0283, 7.9122, 7.7610



10.3294, 20.4181, 4.1854



0.2291, 0.4338, 0.1513

Inverse Universe

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



21.9874, 13.1254, 28.9792



37.1590, 19.8683, 48.7007



18.8345, 11.8642, 12.3763



7.3168, 7.1832, 8.6548



15.2996, 7.4759, 19.3003



0.3334, 0.1619, 0.4685

Previews

White Background



This preview shows how the XYZ color 16.2652, 27.6768, 11.3224 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 16.2652, 27.6768, 11.3224 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 16.2652, 27.6768, 11.3224

Background



This preview shows how black text looks on a background with the XYZ color 16.2652, 27.6768, 11.3224.



This preview shows how white text looks on a background with the XYZ color 16.2652, 27.6768,

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

16.2652, 27.6768, 11.3224

Protanopia

24.9972, 27.3437, 9.5906

Deuteranopia

27.5991, 27.1171, 11.9631



Tritanopia

22.0205, 27.4669, 40.2174

Trichromacy



Original Color

16.2652, 27.6768, 11.3224



Protanomaly

20.1021, 26.4181, 10.1706



Deuteranomaly

21.2426, 26.0425, 11.4965



Tritanomaly

19.2711, 27.3439, 26.4525

Monochromacy



Original Color

16.2652, 27.6768, 11.3224



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

16.6411, 21.5639, 16.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2652, 27.6768, 11.3224 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(60, 163, 76)` looks like.

```
.text, #text, p{  
    color:rgb(60, 163, 76)  
}
```

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(60, 163, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 163, 76) }
```

Border

The CSS property to change the border of an element to XYZ 16.2652, 27.6768, 11.3224 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(60, 163, 76) }
```


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

```
.border{ border-color:rgb(60, 163, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 163, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 163, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 163, 76);  
box-shadow:4px 4px 4px 4px rgb(60, 163,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2652, 27.6768, 11.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 163, 76) }
```

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

```
.background{ background-color: rgb(60, 163,  
76) }
```

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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