

Converting Colors

XYZ(17.5442, 27.6403, 13.3530)

Have a look what the booklet for
XYZ(17.5442, 27.6403, 13.3530)
contains.

XYZ(17.6071, 27.7976, 13.4543)	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(17.6071, 27.7976,
13.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	4EA157
RGB	78, 161, 87
RGB Percent	31%, 63%, 34%
CMY	0.6941, 0.3686, 0.6588
CMYK	0.52, 0.00, 0.46, 0.37
HSL	127°, 35%, 47%
HSV	127°, 52%, 63%
XYZ	17.6071, 27.7976, 13.4543
YIQ	127.7470, -25.7140, -40.6100

Conversions

Conversions Part 2

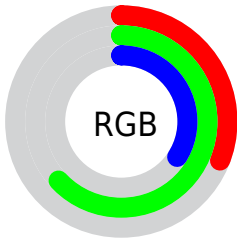
Format	Color
RYB	78, 153, 161
Decimal	5153111
CIELab	59.71, -41.29, 30.91
CIELCh	60, 51.578, 143.180
Yxy	27.7976, 0.2991, 0.4723
Android (android.graphics.Color)	4283343191 (0xFF4EA157)
YUV	127.7470, -20.0883, -43.6281
Hunter-Lab	52.7234, -32.6556, 21.7764

Details

The XYZ color **17.6071, 27.7976, 13.4543** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **23.0908, 15.2934, 31.4417**, and the grayscale version is **20.5045, 21.5724, 23.4923**.

A 20% lighter version of the original color is **38.8162, 55.9333, 32.7951**, and **5.9258, 10.9732, 3.7252** is the 20% darker color. If you saturate the color by 10%, you get **15.9168, 26.9882, 10.6126**, and if you desaturate by 10%, it is **19.7384, 28.8225, 16.9266**.

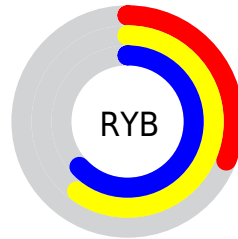
Distribution



Red (31%)

Green (63%)

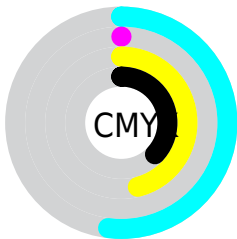
Blue (34%)



Red (31%)

Yellow (60%)

Blue (63%)

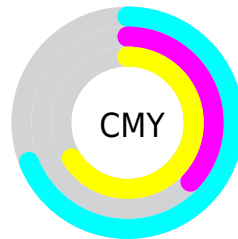


Cyan (52%)

Magenta (0%)

Yellow (46%)

Black (37%)



Cyan (69%)

Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6071, 27.7976, 13.4543 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 17.6071, 27.7976, 13.4543 by changing the saturation by 10% instead.

■ 17.6071, 27.7976,
13.4543

■ 17.6071, 27.7976,
13.4543

231.7357,
291.4985, 225.1182

■ 10.7663, 18.1731,
7.6077

■ 38.9020, 56.1611,
32.8206

■ 5.9760, 11.0744,
3.7608

■ 54.0868, 75.6690,
47.1775

■ 2.8710, 6.1169,
1.4951

■ 72.7837, 99.2401,
65.2082

■ 1.0859, 2.9163,
0.2143

■ 95.3579, 127.2589,
87.3313

■ 0.0133, 1.0882,
0.0000

■ 122.1748,
160.1098, 113.9653

■ 0.0000, 0.0000,
0.0000

153.5999,

198.1770, 145.5287

189.9984,
241.8452, 182.4402

■ 17.6071, 27.7976,
13.4543

■ 17.6071, 27.7976,
13.4543

■ 15.9168, 26.9882,
10.6126

■ 19.7384, 28.8225,
16.9266

■ 14.6344, 26.3756,
8.3619

■ 22.3366, 30.0730,
21.0623

■ 13.7256, 25.9438,
6.6611

■ 25.4279, 31.5629,
25.8941

■ 13.1495, 25.6727,
5.4629

■ 29.0361, 33.3038,
31.4519

■ 12.8502, 25.5328,
4.8004

■ 33.1835, 35.3064,
37.7640

■ 37.8909, 37.5811,
44.8571

■ 43.1782, 40.1374,
52.7567

■ 49.0642, 42.9846,
61.4870

■ 55.5668, 46.1314,
71.0712

Harmonies

Analogous

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



21.7898, 27.7976, 7.8140



17.6071, 27.7976, 13.4543



15.8314, 27.7976, 26.2031

Triad

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



17.6071, 27.7976, 13.4543



24.9609, 27.7976, 81.6990



39.6920, 27.7976, 18.2264

Complementary

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



17.6071, 27.7976, 13.4543



23.0908, 15.2934, 31.4417

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.



40.9148, 27.7976, 34.7304



17.6071, 27.7976, 13.4543



31.6654, 27.7976, 76.6820

Square

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



17.6071, 27.7976, 13.4543



19.6014, 27.7976, 69.0335



37.7725, 27.7976, 57.2636



34.6626, 27.7976, 9.6719

Rectangle

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



17.6071, 27.7976, 13.4543



16.0036, 27.7976, 39.2074



37.7725, 27.7976, 57.2636



40.5925, 27.7976, 22.8006

Sweetspot

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



17.6078, 27.7988, 13.4549



49.4788, 58.4255, 52.4588



27.2015, 32.7844, 12.1023



10.5709, 12.6782, 11.0730



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.6078, 27.7988, 13.4549



28.0864, 48.1315, 18.2863



19.7707, 28.6639, 24.8446



7.0153, 7.9070, 7.6925



10.2707, 20.3946, 3.8762



0.2245, 0.4320, 0.1271

Inverse Universe

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



23.0908, 15.2934, 31.4417



39.0070, 23.1702, 54.0708



20.3034, 14.1785, 16.7639



7.3311, 7.1889, 8.7299



15.7405, 7.6523, 21.6219



0.3395, 0.1643, 0.5007

Previews

White Background



This preview shows how the XYZ color 17.6071, 27.7976, 13.4543 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 17.6071, 27.7976, 13.4543 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 17.6071, 27.7976, 13.4543

Background



This preview shows how black text looks on a background with the XYZ color 17.6071, 27.7976, 13.4543.



This preview shows how white text looks on a background with the XYZ color 17.6071, 27.7976,

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

17.6071, 27.7976, 13.4543

Protanopia

25.1751, 27.3922, 11.5498

Deuteranopia

27.9347, 27.4523, 14.1824



Tritanopia

22.7529, 27.6236, 39.2546

Trichromacy



Original Color

17.6071, 27.7976, 13.4543

Protanomaly

21.3698, 27.0264, 12.2739

Deuteranomaly

22.6484, 26.7164, 13.8606

Tritanomaly

20.2851, 27.3441, 27.5014

Monochromacy



Original Color

17.6071, 27.7976, 13.4543

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

18.7891, 23.2634, 19.1228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6071, 27.7976, 13.4543 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(78, 161, 87)` looks like.

```
.text, #text, p{  
    color:rgb(78, 161, 87)  
}
```

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(78, 161, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 161, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.6071, 27.7976, 13.4543 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(78, 161, 87) }
```


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

```
.border{ border-color:rgb(78, 161, 87) }
```

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

Here you see how a box with a 4 pixel rgb(78, 161, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 161, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 161, 87);  
box-shadow:4px 4px 4px 4px rgb(78, 161,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6071, 27.7976, 13.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 161, 87) }
```

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

```
.background{ background-color: rgb(78, 161,  
87) }
```

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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