

Converting Colors

XYZ(27.4538, 43.2360, 16.7981)

Have a look what the booklet for
XYZ(27.4538, 43.2360, 16.7981)
contains.

XYZ(27.4540, 43.2384, 16.7964)	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(27.4540, 43.2384,
16.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	69C45B
RGB	105, 196, 91
RGB Percent	41%, 77%, 36%
CMY	0.5882, 0.2314, 0.6431
CMYK	0.46, 0.00, 0.54, 0.23
HSL	112°, 47%, 56%
HSV	112°, 54%, 77%
XYZ	27.4540, 43.2384, 16.7964
YIQ	156.8210, -20.5310, -51.9470

Conversions

Conversions Part 2

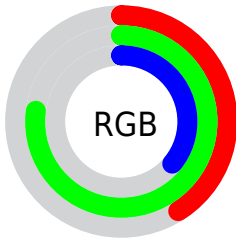
Format	Color
RYB	91, 196, 182
Decimal	6931547
CIELab	71.72, -47.57, 43.97
CIElCh	72, 64.782, 137.252
Yxy	43.2384, 0.3138, 0.4942
Android (android.graphics.Color)	4285121627 (0xFF69C45B)
YUV	156.8210, -32.4498, -45.4470
Hunter-Lab	65.7559, -40.5466, 30.8844

Details

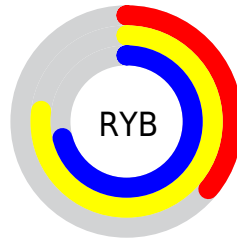
The XYZ color **27.4540, 43.2384, 16.7964** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **32.9982, 21.4141, 54.6209**, and the grayscale version is **32.1162, 33.7887, 36.7959**.

A 20% lighter version of the original color is **55.0596, 79.9456, 38.9146**, and **11.0346, 19.7838, 5.2446** is the 20% darker color. If you saturate the color by 10%, you get **24.9169, 42.0170, 12.8260**, and if you desaturate by 10%, it is **30.6126, 44.7572, 21.9502**.

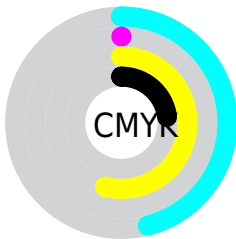
Distribution



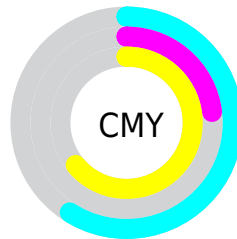
- Red (41%)
- Green (77%)
- Blue (36%)



- Red (36%)
- Yellow (77%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (54%)
- Black (23%)



- Cyan (59%)
- Magenta (23%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4540, 43.2384, 16.7964 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 27.4540, 43.2384, 16.7964 by changing the saturation by 10% instead.

■ 27.4540, 43.2384,
16.7964

■ 27.4540, 43.2384,
16.7964

281.9763,
359.5913, 246.0004

■ 18.0528, 30.0722,
9.9290

■ 55.0263, 80.0705,
38.7612

■ 11.0878, 19.8934,
5.2469

■ 73.9281, 104.5052,
54.6957

■ 6.1937, 12.3176,
2.3316

■ 96.7276, 133.4648,
74.4897

■ 3.0050, 6.9604,
0.7488

■ 123.7900,
167.3338, 98.5617

■ 1.1564, 3.4373,
0.0000

155.4807,
206.4966, 127.3302

■ 0.0715, 1.3641,
0.0000

192.1651,

■ 0.0000, 0.1900,

251.3375, 161.2138

0.0000

234.2085,
302.2409, 200.6311

■ 0.0000, 0.0000,
0.0000

■ 27.4540, 43.2384,
16.7964

■ 27.4540, 43.2384,
16.7964

■ 24.9169, 42.0170,
12.8260

■ 30.6126, 44.7572,
21.9502

■ 22.9566, 41.0683,
9.9425

■ 34.4271, 46.5856,
28.3683

■ 21.5277, 40.3723,
8.0389

■ 38.9332, 48.7415,
36.1275

■ 20.5757, 39.9038,
6.9852

■ 44.1629, 51.2399,
45.2981

■ 20.1701, 39.7028,
6.6003

■ 50.1463, 54.0950,
55.9452

■ 56.9118, 57.3200,
68.1299

■ 64.4863, 60.9277,
81.9099

■ 72.8954, 64.9299,
97.3398

■ 79.0308, 67.9615,
103.5603

Harmonies

Analogous

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



35.1448, 43.2384, 9.7143



27.4540, 43.2384, 16.7964



23.7443, 43.2384, 34.9512

Triad

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



27.4540, 43.2384, 16.7964



36.6093, 43.2384, 134.1741



64.7524, 43.2384, 31.3196

Complementary

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



27.4540, 43.2384, 16.7964



32.9982, 21.4141, 54.6209

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.



65.3359, 43.2384, 61.7312



27.4540, 43.2384, 16.7964



47.6855, 43.2384, 131.7159

Square

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



27.4540, 43.2384, 16.7964



28.3608, 43.2384, 106.9472



58.6434, 43.2384, 101.2424



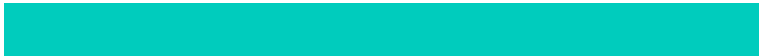
57.1681, 43.2384, 15.1615

Rectangle

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



27.4540, 43.2384, 16.7964



23.5011, 43.2384, 55.1365



58.6434, 43.2384, 101.2424



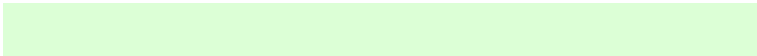
65.8162, 43.2384, 39.8479

Sweetspot

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



27.4551, 43.2402, 16.7974



77.3293, 91.5447, 77.3465



41.3830, 45.9490, 16.5861



16.1201, 19.3882, 15.7971



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.4551, 43.2402, 16.7974



44.5650, 75.8370, 22.3686



28.0514, 43.3042, 27.8248



10.0665, 11.3218, 10.7166



13.0020, 25.5316, 4.2428



0.6033, 1.1246, 0.1853

Inverse Universe

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



32.9982, 21.4141, 54.6209



55.5434, 32.2042, 97.8963



32.6361, 21.6705, 34.5868



10.3610, 10.1772, 12.7032



17.0886, 8.0699, 34.2136



0.7757, 0.3680, 1.4800

Previews

White Background



This preview shows how the XYZ color 27.4540, 43.2384, 16.7964 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.4540, 43.2384, 16.7964 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4540, 43.2384, 16.7964

Background



This preview shows how black text looks on a background with the XYZ color 27.4540, 43.2384, 16.7964.



This preview shows how white text looks on a background with the XYZ color 27.4540, 43.2384,

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

27.4540, 43.2384, 16.7964

Protanopia

38.9225, 42.6375, 14.5659

Deuteranopia

43.5114, 42.6844, 17.7500



Tritanopia

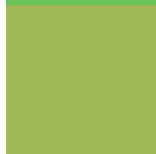
36.0535, 42.8401, 60.4016

Trichromacy



Original Color

27.4540, 43.2384, 16.7964



Protanomaly

33.3517, 42.1322, 15.3913



Deuteranomaly

35.4873, 41.6840, 17.2418



Tritanomaly

31.7996, 42.3561, 39.7572

Monochromacy



Original Color

27.4540, 43.2384, 16.7964



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.2778, 36.2225, 27.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4540, 43.2384, 16.7964 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(105, 196, 91)` looks like.

```
.text, #text, p{  
    color:rgb(105, 196, 91)  
}
```

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(105, 196, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 196, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.4540, 43.2384, 16.7964 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(105, 196, 91) }
```


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

```
.border{ border-color:rgb(105, 196, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 196, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 196, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 196, 91);  
box-shadow:4px 4px 4px 4px rgb(105, 196,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4540, 43.2384, 16.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 196, 91) }
```

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

```
.background{ background-color: rgb(105,  
196, 91) }
```

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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