

Converting Colors

XYZ(27.3994, 37.0294, 11.5639)

Have a look what the booklet for
XYZ(27.3994, 37.0294, 11.5639)
contains.

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Color

**XYZ(27.4460, 37.0683,
11.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB046
RGB	140, 176, 70
RGB Percent	55%, 69%, 27%
CMY	0.4510, 0.3098, 0.7255
CMYK	0.20, 0.00, 0.60, 0.31
HSL	80°, 43%, 48%
HSV	80°, 60%, 69%
XYZ	27.4460, 37.0683, 11.5027
YIQ	153.1520, 12.5700, -40.5980

Conversions

Conversions Part 2

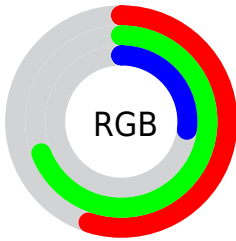
Format	Color
RYB	70, 176, 106
Decimal	9220166
CIELab	67.33, -28.69, 49.12
CIELCh	67, 56.888, 120.286
Yxy	37.0683, 0.3611, 0.4876
Android (android.graphics.Color)	4287410246 (0xFF8CB046)
YUV	153.1520, -40.9939, -11.5343
Hunter-Lab	60.8837, -26.0799, 31.4170

Details

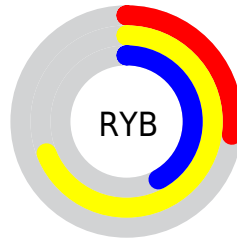
The XYZ color **27.4460, 37.0683, 11.5027** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.9720, 10.5801, 42.2768**, and the grayscale version is **30.5145, 32.1036, 34.9609**.

A 20% lighter version of the original color is **55.1344, 70.8541, 29.1827**, and **11.0861, 16.2212, 2.9275** is the 20% darker color. If you saturate the color by 10%, you get **25.9900, 36.3740, 8.9476**, and if you desaturate by 10%, it is **29.1213, 37.8593, 14.9194**.

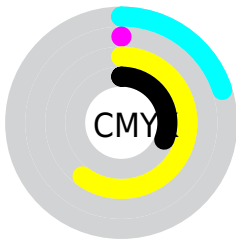
Distribution



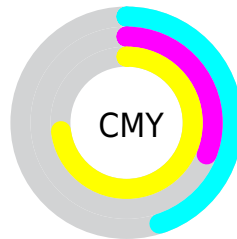
- Red (55%)
- Green (69%)
- Blue (27%)



- Red (27%)
- Yellow (69%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (60%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4460, 37.0683, 11.5027 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 27.4460, 37.0683, 11.5027 by changing the saturation by 10% instead.

■ 27.4460, 37.0683,
11.5027

■ 27.4460, 37.0683,
11.5027

281.9385,
333.6061, 211.9444

■ 18.0468, 25.2604,
6.2876

■ 55.0136, 70.6778,
29.2368

■ 11.0835, 16.2712,
2.9491

■ 73.9127, 93.2482,
42.5929

■ 6.1907, 9.7162,
1.0687

■ 96.7091, 120.1749,
59.4998

■ 3.0032, 5.2112,
0.0000

■ 123.7681,
151.8422, 80.3759

■ 1.1554, 2.3717,
0.0000

■ 155.4553,
188.6346, 105.6399

■ 0.0707, 0.8113,
0.0000

192.1358,

■ 0.0000, 0.0000,

230.9365, 135.7103

0.0000

234.1751,
279.1322, 171.0056

■ 27.4460, 37.0683,
11.5027

■ 27.4460, 37.0683,
11.5027

■ 25.9900, 36.3740,
8.9476

■ 29.1213, 37.8593,
14.9194

■ 24.7352, 35.7650,
7.1744

■ 31.0271, 38.7476,
19.2634

■ 23.6641, 35.2357,
6.0926

■ 33.1767, 39.7399,
24.5967

■ 22.7582, 34.7805,
5.5138

■ 35.5815, 40.8409,
30.9755

■ 38.2521, 42.0550,
38.4515

■ 41.1985, 43.3861,
47.0730

■ 44.4301, 44.8382,
56.8856

■ 47.9558, 46.4149,
67.9324

■ 51.7840, 48.1197,
80.2540

Harmonies

Analogous

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



35.1487, 37.0683, 8.8954



27.4460, 37.0683, 11.5027



22.6011, 37.0683, 20.9557

Triad

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



27.4460, 37.0683, 11.5027



27.5688, 37.0683, 97.9629



54.7643, 37.0683, 40.1220

Complementary

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



27.4460, 37.0683, 11.5027



15.9720, 10.5801, 42.2768

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.



51.8637, 37.0683, 69.0947



27.4460, 37.0683, 11.5027



35.3160, 37.0683, 109.7941

Square

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



27.4460, 37.0683, 11.5027



22.6633, 37.0683, 69.6902



44.3674, 37.0683, 97.5309



51.7555, 37.0683, 20.6888

Rectangle

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



27.4460, 37.0683, 11.5027



21.1735, 37.0683, 32.8001



44.3674, 37.0683, 97.5309



54.4431, 37.0683, 49.0030

Sweetspot

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



27.4469, 37.0699, 11.5035



65.4176, 74.4729, 58.6112



24.0970, 19.8447, 8.3552



13.8914, 16.0092, 11.9207



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4469, 37.0699, 11.5035



46.4071, 65.6158, 15.1086



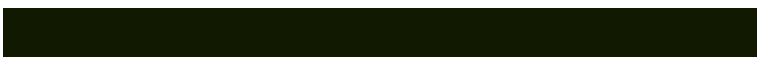
20.6251, 33.5532, 11.1842



8.9111, 9.7593, 9.0666



16.7616, 25.5510, 4.0484



0.5867, 0.8345, 0.1302

Inverse Universe

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



15.9720, 10.5801, 42.2768



23.8603, 13.4020, 75.8246



24.1942, 14.8188, 42.6616



8.3050, 8.3658, 10.6834



7.1643, 3.0291, 30.3441



0.2893, 0.1283, 0.9577

Previews

White Background



This preview shows how the XYZ color 27.4460, 37.0683, 11.5027 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 27.4460, 37.0683, 11.5027 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 27.4460, 37.0683, 11.5027

Background



This preview shows how black text looks on a background with the XYZ color 27.4460, 37.0683, 11.5027.



This preview shows how white text looks on a background with the XYZ color 27.4460, 37.0683,

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

27.4460, 37.0683, 11.5027

Protanopia

33.5502, 36.8894, 10.5063

Deuteranopia

37.5501, 36.8553, 11.9722



Tritanopia

34.6279, 36.8969, 47.4162

Trichromacy



Original Color

27.4460, 37.0683, 11.5027

Protanomaly

30.9521, 36.6260, 10.7484

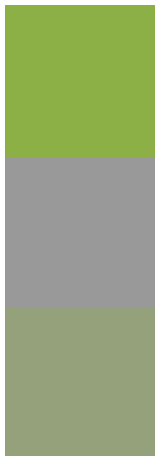
Deuteranomaly

32.9236, 36.2725, 11.7446

Tritanomaly

31.0609, 36.5359, 29.8411

Monochromacy



Original Color

27.4460, 37.0683, 11.5027

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.5328, 33.2157, 23.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4460, 37.0683, 11.5027 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(140, 176, 70)` looks like.

```
.text, #text, p{  
    color:rgb(140, 176, 70)  
}
```

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(140, 176, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 70) }
```

Border

The CSS property to change the border of an element to XYZ 27.4460, 37.0683, 11.5027 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(140, 176, 70) }
```


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

```
.border{ border-color:rgb(140, 176, 70) }
```

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

Here you see how a box with a 4 pixel rgb(140, 176, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 176, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 176, 70);  
box-shadow:4px 4px 4px 4px rgb(140, 176,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4460, 37.0683, 11.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 176, 70) }
```

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

```
.background{ background-color: rgb(140,  
176, 70) }
```

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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