

Converting Colors

XYZ(27.5338, 35.8252, 13.7100)

Have a look what the booklet for
XYZ(27.5338, 35.8252, 13.7100)
contains.

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Color

**XYZ(27.6415, 35.9692,
13.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAC53
RGB	143, 172, 83
RGB Percent	56%, 67%, 33%
CMY	0.4392, 0.3255, 0.6745
CMYK	0.17, 0.00, 0.52, 0.33
HSL	80°, 35%, 50%
HSV	80°, 52%, 67%
XYZ	27.6415, 35.9692, 13.6695
YIQ	153.1830, 11.2850, -33.8270

Conversions

Conversions Part 2

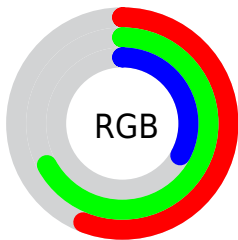
Format	Color
RYB	83, 172, 112
Decimal	9415763
CIELab	66.50, -24.32, 42.09
CIELCh	66, 48.612, 120.021
Yxy	35.9692, 0.3577, 0.4654
Android (android.graphics.Color)	4287605843 (0xFF8FAC53)
YUV	153.1830, -34.6002, -8.9305
Hunter-Lab	59.9743, -22.6864, 28.4685

Details

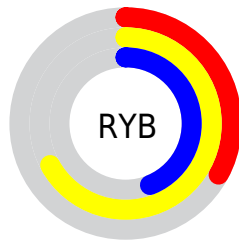
The XYZ color **27.6415, 35.9692, 13.6695** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.2232, 12.6108, 40.5582**, and the grayscale version is **30.5014, 32.0898, 34.9458**.

A 20% lighter version of the original color is **55.1310, 68.6932, 33.2751**, and **11.2074, 15.7164, 3.8817** is the 20% darker color. If you saturate the color by 10%, you get **26.1121, 35.2494, 10.5513**, and if you desaturate by 10%, it is **29.3859, 36.7831, 17.6592**.

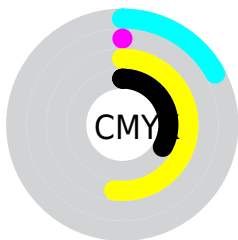
Distribution



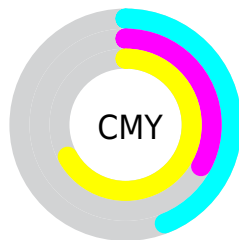
- Red (56%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (44%)



- Cyan (17%)
- Magenta (0%)
- Yellow (52%)
- Black (33%)





- Cyan (44%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6415, 35.9692, 13.6695 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 27.6415, 35.9692, 13.6695 by changing the saturation by 10% instead.


 27.6415, 35.9692,
13.6695


 27.6415, 35.9692,
13.6695


282.8611,
328.8259, 226.5214


 18.1947, 24.4104,
7.7550


 55.3242, 68.9845,
33.2101


 11.1904, 15.6383,
3.8531


 74.2908, 91.2098,
47.6733


 6.2633, 9.2686,
1.5451


 97.1614, 117.7595,
65.8232

 3.0480, 4.9168,
0.2512

 124.3013,
149.0178, 88.0783

 1.1792, 2.1985,
0.0000

 156.0758,
185.3692, 114.8571

 0.0898, 0.7192,
0.0000

192.8504,

 0.0000, 0.0000,

227.1981, 146.5782

0.0000

234.9904,
274.8889, 183.6601

■ 27.6415, 35.9692,
13.6695

■ 27.6415, 35.9692,
13.6695

■ 26.1121, 35.2494,
10.5513

■ 29.3859, 36.7831,
17.6592

■ 24.7820, 34.6135,
8.2368

■ 31.3545, 37.6912,
22.5768

■ 23.6372, 34.0573,
6.6521

■ 33.5590, 38.6994,
28.4766

■ 22.6601, 33.5734,
5.7086

■ 36.0096, 39.8118,
35.4083

■ 21.9491, 33.2162,
5.2545

■ 38.7156, 41.0323,
43.4178

■ 41.6858, 42.3645,
52.5488

■ 44.9287, 43.8118,
62.8420

■ 48.4523, 45.3775,
74.3366

■ 52.2642, 47.0647,
87.0695

Harmonies

Analogous

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



34.1826, 35.9692, 11.1691



27.6415, 35.9692, 13.6695



23.4238, 35.9692, 22.3306

Triad

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



27.6415, 35.9692, 13.6695



27.6491, 35.9692, 85.2612



50.2131, 35.9692, 39.1499

Complementary

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



27.6415, 35.9692, 13.6695



17.2232, 12.6108, 40.5582

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.



47.8280, 35.9692, 62.8516



27.6415, 35.9692, 13.6695



34.1927, 35.9692, 94.6080

Square

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



27.6415, 35.9692, 13.6695



23.4277, 35.9692, 62.8860



41.6934, 35.9692, 85.2369



47.8216, 35.9692, 22.3134

Rectangle

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



27.6415, 35.9692, 13.6695



22.1543, 35.9692, 32.6096



41.6934, 35.9692, 85.2369



49.9395, 35.9692, 46.5434

Sweetspot

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



27.6424, 35.9708, 13.6703



63.2474, 71.2801, 58.2827



24.2804, 20.8053, 10.9202



13.5549, 15.4044, 12.1298



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.6424, 35.9708, 13.6703



47.0181, 63.7776, 18.4833



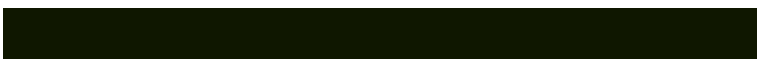
21.4953, 32.8019, 13.3826



8.4051, 9.1974, 8.5457



16.3923, 24.7476, 3.9128



0.5102, 0.7164, 0.1114

Inverse Universe

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



17.2232, 12.6108, 40.5582



26.0789, 16.7378, 72.6620



24.1901, 16.2024, 40.8842



7.8155, 7.8792, 10.0616



6.8094, 2.8702, 29.2396



0.2478, 0.1099, 0.8161

Previews

White Background



This preview shows how the XYZ color 27.6415, 35.9692, 13.6695 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 27.6415, 35.9692, 13.6695 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 27.6415, 35.9692, 13.6695

Background



This preview shows how black text looks on a background with the XYZ color 27.6415, 35.9692, 13.6695.



This preview shows how white text looks on a background with the XYZ color 27.6415, 35.9692,

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

27.6415, 35.9692, 13.6695

Protanopia

32.5529, 35.5339, 12.7324

Deuteranopia

36.3430, 35.6861, 14.2051



Tritanopia

34.1758, 35.9044, 45.6864

Trichromacy



Original Color

27.6415, 35.9692, 13.6695

Protanomaly

30.4574, 35.5037, 13.0322

Deuteranomaly

32.5560, 35.5087, 13.9421

Tritanomaly

31.2812, 35.8047, 30.8535

Monochromacy



Original Color

27.6415, 35.9692, 13.6695

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8615, 33.0897, 25.2879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6415, 35.9692, 13.6695 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(143, 172, 83)` looks like.

```
.text, #text, p{  
    color:rgb(143, 172, 83)  
}
```

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(143, 172, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 172, 83) }
```

Border

The CSS property to change the border of an element to XYZ 27.6415, 35.9692, 13.6695 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(143, 172, 83) }
```


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

```
.border{ border-color:rgb(143, 172, 83) }
```

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

Here you see how a box with a 4 pixel rgb(143, 172, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 172, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 172, 83);  
box-shadow:4px 4px 4px 4px rgb(143, 172,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6415, 35.9692, 13.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 172, 83) }
```

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

```
.background{ background-color: rgb(143,  
172, 83) }
```

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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