

Converting Colors

XYZ(35.6273, 56.3776, 25.9823)

Have a look what the booklet for
XYZ(35.6273, 56.3776, 25.9823)
contains.

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Color

**XYZ(35.6229, 56.3768,
25.8339)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6FDD75 |
| RGB | 111, 221, 117 |
| RGB Percent | 44%, 87%, 46% |
| CMY | 0.5647, 0.1333, 0.5412 |
| CMYK | 0.50, 0.00, 0.47, 0.13 |
| HSL | 123°, 62%, 65% |
| HSV | 123°, 50%, 87% |
| XYZ | 35.6229, 56.3768, 25.8339 |
| YIQ | 176.2540, -32.1760, -55.6640 |

Conversions

Conversions Part 2

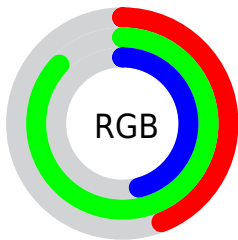
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 111, 215, 221 |
| Decimal | 7331189 |
| CIELab | 79.83, -52.55, 41.41 |
| CIELCh | 80, 66.906, 141.767 |
| Yxy | 56.3768, 0.3023, 0.4784 |
| Android (android.graphics.Color) | 4285521269 (0xFF6FDD75) |
| YUV | 176.2540, -29.2122, -57.2278 |
| Hunter-Lab | 75.0845, -46.7107, 32.1596 |

Details

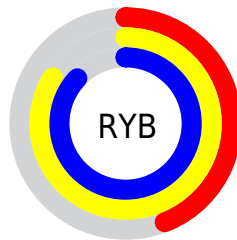
The XYZ color **35.6229, 56.3768, 25.8339** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **47.7707, 31.6483, 67.8825**, and the grayscale version is **41.5604, 43.7248, 47.6163**.

A 20% lighter version of the original color is **59.4729, 82.8953, 51.3939**, and **15.7051, 27.9566, 9.7227** is the 20% darker color. If you saturate the color by 10%, you get **32.0842, 54.6806, 19.9559**, and if you desaturate by 10%, it is **40.1265, 58.5420, 33.1907**.

Distribution



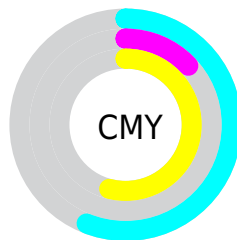
- Red (44%)
- Green (87%)
- Blue (46%)



- Red (44%)
- Yellow (84%)
- Blue (87%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6229, 56.3768, 25.8339 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 35.6229, 56.3768, 25.8339 by changing the saturation by 10% instead.

■ 35.6229, 56.3768,
25.8339

■ 35.6229, 56.3768,
25.8339

318.7694,
411.1100, 295.5452

■ 24.3119, 40.5051,
16.4748

■ 67.7773, 99.5553,
53.9877

■ 15.6911, 27.9326,
9.7028

■ 89.3514, 127.6309,
73.6194

■ 9.3953, 18.2748,
5.0993

■ 115.0772,
160.5432, 97.5123

■ 5.0591, 11.1475,
2.2459

145.3200,
198.6767, 126.0851

■ 2.3171, 6.1661,
0.7007

180.4453,
242.4157, 159.7563

■ 0.8034, 2.9464,
0.0000

220.8184,

■ 0.0000, 1.1038,

292.1447, 198.9443

0.0000

266.8046,
348.2480, 244.0678

■ 0.0000, 0.0000,
0.0000

■ 35.6229, 56.3768,
25.8339

■ 35.6229, 56.3768,
25.8339

■ 32.0842, 54.6806,
19.9559

■ 40.1265, 58.5420,
33.1907

■ 29.4360, 53.4123,
15.4532

■ 45.6539, 61.1997,
42.1129

■ 27.6000, 52.5356,
12.2152


■ 52.2643, 64.3803,
52.6849


■ 26.4823, 52.0048,
10.1124


■ 60.0112, 68.1098,
64.9840

■ 25.9335, 51.7462,
8.9863

■ 68.9445, 72.4123,
79.0827

 25.9243, 51.7419,
8.9705

 79.1111, 77.3105,
95.0493

 85.1476, 80.1952,
105.5992

Harmonies

Analogous

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



44.4967, 56.3768, 14.9092



35.6229, 56.3768, 25.8339



31.7245, 56.3768, 51.3135

Triad

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



35.6229, 56.3768, 25.8339



49.9416, 56.3768, 168.7205



81.5869, 56.3768, 37.6752

Complementary

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



35.6229, 56.3768, 25.8339



47.7707, 31.6483, 67.8825

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.



83.7070, 56.3768, 72.6944



35.6229, 56.3768, 25.8339



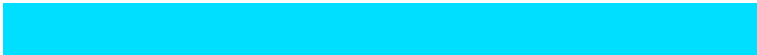
63.8323, 56.3768, 159.9516

Square

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



35.6229, 56.3768, 25.8339



39.0315, 56.3768, 140.5710



76.7509, 56.3768, 120.0667



71.3681, 56.3768, 19.4644

Rectangle

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



35.6229, 56.3768, 25.8339



31.9215, 56.3768, 77.8835



76.7509, 56.3768, 120.0667



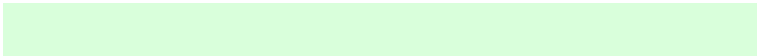
83.3321, 56.3768, 47.3979

Sweetspot

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



35.6243, 56.3792, 25.8352



77.0657, 91.3393, 80.4738



56.8995, 67.3864, 25.0472



16.0183, 19.3208, 16.4668



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.



35.6243, 56.3792, 25.8352



44.0729, 75.4782, 27.0972



39.8120, 58.0542, 47.8871



12.9152, 14.6177, 14.0163



15.0722, 30.0615, 5.2797



0.9868, 1.9517, 0.3966

Inverse Universe

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



47.7707, 31.6483, 67.8825



62.7262, 37.4567, 91.6384



41.8939, 29.2976, 36.9356



13.5821, 13.2619, 16.3266



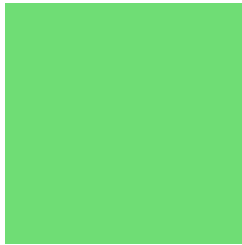
24.0175, 11.6080, 36.0679



1.5656, 0.7559, 2.3871

Previews

White Background



This preview shows how the XYZ color 35.6229, 56.3768, 25.8339 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 35.6229, 56.3768, 25.8339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

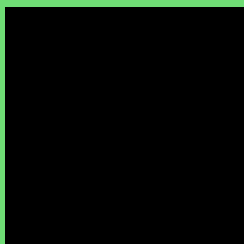
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6229, 56.3768, 25.8339

Background



This preview shows how black text looks on a background with the XYZ color 35.6229, 56.3768, 25.8339.



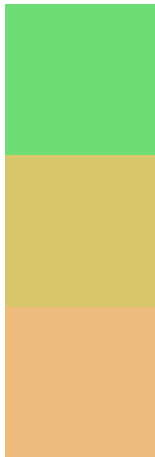
This preview shows how white text looks on a background with the XYZ color 35.6229, 56.3768,

25.8339.

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

35.6229, 56.3768, 25.8339

Protanopia

50.9919, 55.6141, 22.2344

Deuteranopia

56.6099, 55.4516, 27.1216



Tritanopia

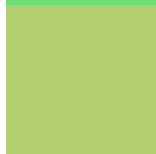
46.5196, 56.2428, 80.3556

Trichromacy



Original Color

35.6229, 56.3768, 25.8339



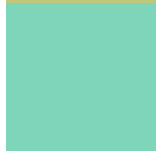
Protanomaly

43.3006, 54.7553, 23.3256



Deuteranomaly

45.6530, 53.7901, 26.3887



Tritanomaly

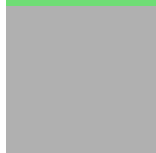
41.2614, 55.5693, 55.0056

Monochromacy



Original Color

35.6229, 56.3768, 25.8339



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

37.7149, 46.7412, 38.0445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6229, 56.3768, 25.8339 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(111, 221, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 221, 117)  
}
```

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(111, 221, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 221, 117) }
```

Border

The CSS property to change the border of an element to XYZ 35.6229, 56.3768, 25.8339 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(111, 221, 117) }
```


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

```
.border{ border-color:rgb(111, 221, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 221, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 221, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 221, 117); box-shadow:4px 4px 4px 4px rgb(111, 221, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6229, 56.3768, 25.8339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 221, 117) }
```

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

```
.background{ background-color: rgb(111,  
221, 117) }
```

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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