

Converting Colors

XYZ(25.5245, 37.4026, 18.8083)

Have a look what the booklet for
XYZ(25.5245, 37.4026, 18.8083)
contains.

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Color

**XYZ(25.5276, 37.4065,
18.7067)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB567
RGB	111, 181, 103
RGB Percent	44%, 71%, 40%
CMY	0.5647, 0.2902, 0.5961
CMYK	0.39, 0.00, 0.43, 0.29
HSL	114°, 35%, 56%
HSV	114°, 43%, 71%
XYZ	25.5276, 37.4065, 18.7067
YIQ	151.1780, -16.6820, -39.0980

Conversions

Conversions Part 2

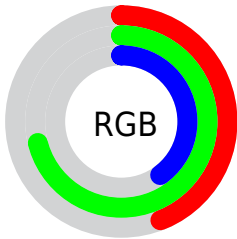
Format	Color
RYB	103, 181, 173
Decimal	7320935
CIELab	67.58, -37.67, 32.92
CIElCh	68, 50.025, 138.845
Yxy	37.4065, 0.3127, 0.4582
Android (android.graphics.Color)	4285511015 (0xFF6FB567)
YUV	151.1780, -23.7518, -35.2361
Hunter-Lab	61.1609, -32.5283, 24.6781

Details

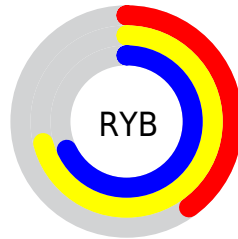
The XYZ color **25.5276, 37.4065, 18.7067** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **30.4260, 21.9221, 46.3458**, and the grayscale version is **29.5961, 31.1374, 33.9087**.

A 20% lighter version of the original color is **51.9265, 71.0419, 41.9860**, and **10.1299, 16.6042, 6.1611** is the 20% darker color. If you saturate the color by 10%, you get **22.8545, 36.1234, 14.3419**, and if you desaturate by 10%, it is **28.7710, 38.9631, 24.1264**.

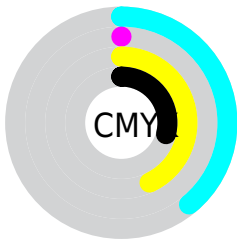
Distribution



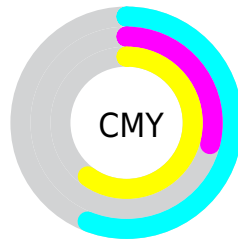
- Red (44%)
- Green (71%)
- Blue (40%)



- Red (40%)
- Yellow (71%)
- Blue (68%)



- Cyan (39%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5276, 37.4065, 18.7067 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 25.5276, 37.4065, 18.7067 by changing the saturation by 10% instead.

■ 25.5276, 37.4065,
18.7067

■ 25.5276, 37.4065,
18.7067

272.7548,
335.0671, 257.1933

■ 16.6014, 25.5224,
11.2839

■ 51.9486, 71.1975,
42.0680

■ 10.0442, 16.4667,
6.1415

■ 70.1741, 93.8733,
58.8435

■ 5.4908, 9.8550,
2.8612

■ 92.2301, 120.9150,
79.5737

■ 2.5757, 5.3029,
1.0242

■ 118.4820,
152.7070, 104.6771

■ 0.9336, 2.4261,
0.0000

149.2950,
189.6339, 134.5722

■ 0.0000, 0.8393,
0.0000

185.0346,

■ 0.0000, 0.0000,

232.0799, 169.6776

0.0000

226.0660,
280.4295, 210.4118

■ 25.5276, 37.4065,
18.7067

■ 25.5276, 37.4065,
18.7067

■ 22.8545, 36.1234,
14.3419

■ 28.7710, 38.9631,
24.1264

■ 20.7158, 35.0935,
10.9609

■ 32.6122, 40.8026,
30.6608

■ 19.0761, 34.3013,
8.4882


■ 37.0803, 42.9401,
38.3681


■ 17.8945, 33.7274,
6.8358

■ 42.2017, 45.3878,
47.3021


■ 17.1231, 33.3497,
5.8988


■ 48.0011, 48.1575,
57.5128

 16.7847, 33.1833,
5.5204

 54.5022, 51.2603,
69.0477

 61.7273, 54.7069,
81.9518

 69.6979, 58.5073,
96.2680

 75.8146, 61.5292,
102.4882

Harmonies

Analogous

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



30.9811, 37.4065, 12.3306



25.5276, 37.4065, 18.7067



22.9127, 37.4065, 33.0622

Triad

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



25.5276, 37.4065, 18.7067



32.7648, 37.4065, 98.1268



51.4931, 37.4065, 28.5071

Complementary

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



25.5276, 37.4065, 18.7067



30.4260, 21.9221, 46.3458

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.



52.1540, 37.4065, 49.4986



25.5276, 37.4065, 18.7067



40.5556, 37.4065, 95.5043

Square

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



25.5276, 37.4065, 18.7067



26.6705, 37.4065, 81.7408



47.9117, 37.4065, 75.5059



46.2183, 37.4065, 16.4127

Rectangle

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



25.5276, 37.4065, 18.7067



22.8354, 37.4065, 47.6059



47.9117, 37.4065, 75.5059



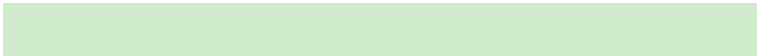
52.2879, 37.4065, 34.5491

Sweetspot

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



25.5285, 37.4081, 18.7075



66.3015, 76.8509, 68.5301



36.2393, 40.2718, 18.6958



13.9323, 16.4200, 14.1225



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5285, 37.4081, 18.7075



41.0272, 64.7401, 25.8411



26.3453, 37.6237, 28.0286



8.4672, 9.5304, 9.0458



11.5996, 22.8899, 3.8068



0.3911, 0.7337, 0.1210

Inverse Universe

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



30.4260, 21.9221, 46.3458



50.9511, 33.2419, 82.0255



29.5017, 21.7628, 31.9678



8.7625, 8.6016, 10.7048



16.1173, 7.6446, 30.7631



0.5316, 0.2532, 0.9691

Previews

White Background



This preview shows how the XYZ color 25.5276, 37.4065, 18.7067 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 25.5276, 37.4065, 18.7067 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 25.5276, 37.4065, 18.7067

Background



This preview shows how black text looks on a background with the XYZ color 25.5276, 37.4065, 18.7067.



This preview shows how white text looks on a background with the XYZ color 25.5276, 37.4065,

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

25.5276, 37.4065, 18.7067

Protanopia

34.0235, 36.9977, 16.6573

Deuteranopia

37.5822, 36.9538, 19.6200



Tritanopia

31.9241, 37.0642, 51.3705

Trichromacy



Original Color

25.5276, 37.4065, 18.7067

Protanomaly

29.9533, 36.5203, 17.2748

Deuteranomaly

31.8071, 36.3333, 19.2465

Tritanomaly

29.1315, 37.0914, 36.6343

Monochromacy



Original Color

25.5276, 37.4065, 18.7067

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.3767, 32.7961, 27.4416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5276, 37.4065, 18.7067 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, 181, 103)` looks like.

```
.text, #text, p{  
    color:rgb(111, 181, 103)  
}
```

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, 181, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 181, 103) }
```

Border

The CSS property to change the border of an element to XYZ 25.5276, 37.4065, 18.7067 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, 181, 103) }
```


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

```
.border{ border-color:rgb(111, 181, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 181, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 181, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 181, 103);  
box-shadow:4px 4px 4px 4px rgb(111, 181,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5276, 37.4065, 18.7067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 181, 103) }
```

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

```
.background{ background-color: rgb(111,  
181, 103) }
```

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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