

Converting Colors

XYZ(26.7124, 37.7940, 6.7855)

Have a look what the booklet for
XYZ(26.7124, 37.7940, 6.7855)
contains.

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Color

**XYZ(26.6121, 37.6288,
6.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	89B319
RGB	137, 179, 25
RGB Percent	54%, 70%, 10%
CMY	0.4627, 0.2980, 0.9019
CMYK	0.23, 0.00, 0.86, 0.30
HSL	76°, 75%, 40%
HSV	76°, 86%, 70%
XYZ	26.6121, 37.6288, 6.7802
YIQ	148.8860, 24.4020, -56.7980

Conversions

Conversions Part 2

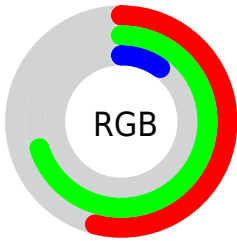
Format	Color
RYB	25, 179, 67
Decimal	9024281
CIELab	67.75, -33.87, 65.12
CIELCh	68, 73.400, 117.482
Yxy	37.6288, 0.3747, 0.5298
Android (android.graphics.Color)	4287214361 (0xFF89B319)
YUV	148.8860, -61.0758, -10.4240
Hunter-Lab	61.3423, -29.9105, 36.3863

Details

The XYZ color **26.6121, 37.6288, 6.7802** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **10.8007, 5.1443, 43.0738**, and the grayscale version is **28.7620, 30.2598, 32.9530**.

A 20% lighter version of the original color is **53.6768, 71.5741, 20.0029**, and **10.8542, 16.6710, 2.6458** is the 20% darker color. If you saturate the color by 10%, you get **25.6939, 37.1725, 6.0249**, and if you desaturate by 10%, it is **27.6905, 38.1561, 8.1823**.

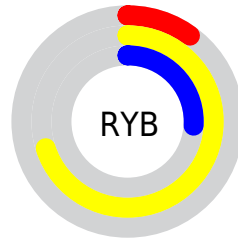
Distribution



Red (54%)

Green (70%)

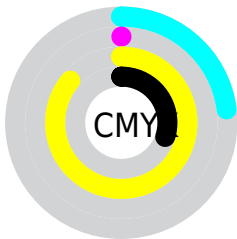
Blue (10%)



Red (10%)

Yellow (70%)

Blue (26%)

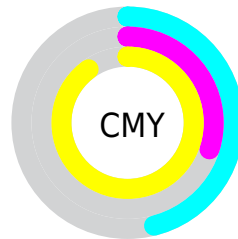


Cyan (23%)

Magenta (0%)

Yellow (86%)

Black (30%)



Cyan (46%)


Magenta (30%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6121, 37.6288, 6.7802 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 26.6121, 37.6288, 6.7802 by changing the saturation by 10% instead.


 26.6121, 37.6288,
6.7802


 26.6121, 37.6288,
6.7802

277.9760,
336.0249, 175.3857


 17.4172, 25.6947,
3.2487


 53.6851, 71.5388,
20.0349

 10.6295, 16.5954,
1.2230


 72.2939, 94.2836,
30.5952

 5.8837, 9.9464,
0.0000


 94.7713, 121.4006,
44.3355

 2.8145, 5.3635,
0.0000

 121.4828,
153.2744, 61.6743

 1.0564, 2.4621,
0.0000

 152.7936,
190.2894, 83.0302

 0.0000, 0.8575,
0.0000

 189.0692,

 0.0000, 0.0000,

232.8299, 108.8217

0.0000

230.6749,
281.2802, 139.4673

■ 26.6121, 37.6288,
6.7802

■ 26.6121, 37.6288,
6.7802

■ 25.6939, 37.1725,
6.0249

■ 27.6905, 38.1561,
8.1823

■ 25.3542, 37.0018,
5.8058

■ 28.9486, 38.7581,
10.3435

■ 30.4047, 39.4437,
13.3530

■ 32.0737, 40.2187,
17.2870

■ 33.9687, 41.0886,
22.2133

■ 36.1020, 42.0582,
28.1932

■ 38.4846, 43.1320,
35.2832

■ 41.1270, 44.3142,
43.5358

■ 44.0388, 45.6089,
52.9999

Harmonies

Analogous

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



36.7320, 37.6288, 4.8838



26.6121, 37.6288, 6.7802



20.3422, 37.6288, 15.7256

Triad

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



26.6121, 37.6288, 6.7802



25.2722, 37.6288, 119.4701



62.2888, 37.6288, 43.7777

Complementary

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



26.6121, 37.6288, 6.7802



10.8007, 5.1443, 43.0738

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.



57.4966, 37.6288, 84.5742



26.6121, 37.6288, 6.7802



34.8152, 37.6288, 140.4624

Square

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



26.6121, 37.6288, 6.7802



19.6914, 37.6288, 77.0990



46.8075, 37.6288, 125.1600



58.8218, 37.6288, 18.3723

Rectangle

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



26.6121, 37.6288, 6.7802



18.4145, 37.6288, 28.8662



46.8075, 37.6288, 125.1600



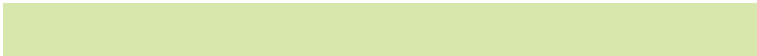
61.5713, 37.6288, 56.0608

Sweetspot

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



26.6130, 37.6305, 6.7810



64.4887, 75.2461, 50.0124



20.7196, 13.5596, 2.4455



13.9885, 16.5352, 10.2265



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.



26.6130, 37.6305, 6.7810



45.1801, 66.1492, 10.3868



18.2174, 33.3024, 6.3881



8.9665, 9.7878, 9.0692



17.9803, 26.1793, 4.1054



0.6182, 0.8507, 0.1316

Inverse Universe

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



10.8007, 5.1443, 43.0738



16.6415, 6.8956, 76.8350



19.8252, 9.7966, 43.4962



8.2523, 8.3386, 10.6809



6.6938, 2.7866, 30.3220



0.2680, 0.1172, 0.9567

Previews

White Background



This preview shows how the XYZ color 26.6121, 37.6288, 6.7802 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 26.6121, 37.6288, 6.7802 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 26.6121, 37.6288, 6.7802

Background



This preview shows how black text looks on a background with the XYZ color 26.6121, 37.6288, 6.7802.



This preview shows how white text looks on a background with the XYZ color 26.6121, 37.6288,

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

26.6121, 37.6288, 6.7802

Protanopia

33.5981, 37.2787, 6.1342

Deuteranopia

38.0036, 37.1955, 7.1839



Tritanopia

35.1938, 37.7050, 48.6029

Trichromacy



Original Color

26.6121, 37.6288, 6.7802

Protanomaly

30.6680, 37.1322, 6.3099

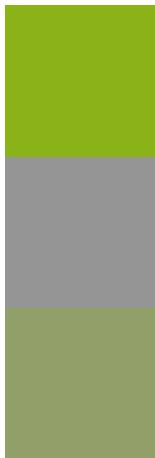
Deuteranomaly

32.8702, 36.6174, 6.9255

Tritanomaly

30.2336, 36.7841, 24.5753

Monochromacy



Original Color

26.6121, 37.6288, 6.7802

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

26.7466, 32.1608, 17.8947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6121, 37.6288, 6.7802 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(137, 179, 25)` looks like.

```
.text, #text, p{  
    color:rgb(137, 179, 25)  
}
```

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(137, 179, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 179, 25) }
```

Border

The CSS property to change the border of an element to XYZ 26.6121, 37.6288, 6.7802 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(137, 179, 25) }
```


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

```
.border{ border-color:rgb(137, 179, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 179, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 179, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 179, 25);  
box-shadow:4px 4px 4px 4px rgb(137, 179,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6121, 37.6288, 6.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 179, 25) }
```

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

```
.background{ background-color: rgb(137,  
179, 25) }
```

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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