

Converting Colors

XYZ(37.2849, 26.1750, 55.9105)

Have a look what the booklet for
XYZ(37.2849, 26.1750, 55.9105)
contains.

XYZ(37.2849, 26.1750, 55.9105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.2849, 26.1750,
55.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	C06DC5
RGB	192, 109, 197
RGB Percent	75%, 43%, 77%
CMY	0.2471, 0.5725, 0.2274
CMYK	0.03, 0.45, 0.00, 0.23
HSL	297°, 43%, 60%
HSV	297°, 45%, 77%
XYZ	37.2849, 26.1750, 55.9105
YIQ	143.8490, 21.2200, 44.9640

Conversions

Conversions Part 2

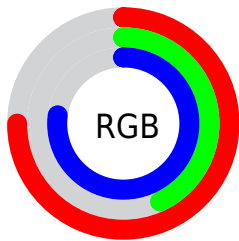
Format	Color
RYB	192, 109, 197
Decimal	12611013
CIELab	58.20, 46.18, -32.22
CIELCh	58, 56.307, 325.095
Yxy	26.1750, 0.3123, 0.2193
Android (android.graphics.Color)	4290801093 (0xFFC06DC5)
YUV	143.8490, 26.2034, 42.2284
Hunter-Lab	51.1615, 40.5525, -28.9804

Details

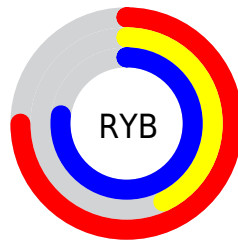
The XYZ color **37.2849, 26.1750, 55.9105** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.6669, 44.6147, 21.5172**, and the grayscale version is **26.3414, 27.7132, 30.1797**.

A 20% lighter version of the original color is **70.4109, 53.6741, 100.4150**, and **16.7376, 10.2278, 27.0786** is the 20% darker color. If you saturate the color by 10%, you get **35.1321, 22.2879, 55.2741**, and if you desaturate by 10%, it is **39.9126, 31.0074, 56.7051**.

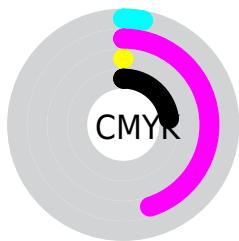
Distribution



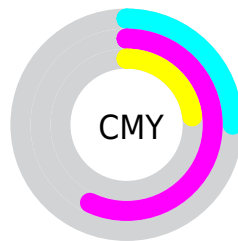
- Red (75%)
- Green (43%)
- Blue (77%)



- Red (75%)
- Yellow (43%)
- Blue (77%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)





- Cyan (25%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2849, 26.1750, 55.9105 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 37.2849, 26.1750, 55.9105 by changing the saturation by 10% instead.


 37.2849, 26.1750,
55.9105


 37.2849, 26.1750,
55.9105

325.8765,
283.6401, 426.7330


 25.6028, 16.9546,
39.7277


 70.3217, 53.5571,
100.3582


 16.6579, 10.2021,
27.0141


 92.4072, 72.4877,
129.4601

 10.0847, 5.5332,
17.3513


 118.6912, 95.4237,
163.7055

 5.5178, 2.5634,
10.3207

 149.5391,
122.7496, 203.5129

 2.5920, 0.9083,
5.5037

185.3162,
154.8498, 249.3007

 0.9419, 0.0000,
2.4819

226.3879,

 0.0000, 0.0000,

192.1087, 301.4877

0.8305

273.1196,
234.9106, 360.4923

■ 0.0000, 0.0000,
0.0000

■ 37.2849, 26.1750,
55.9105

■ 37.2849, 26.1750,
55.9105

■ 35.1321, 22.2879,
55.2741

■ 39.9126, 31.0074,
56.7051

■ 33.4196, 19.2789,
54.7835

■ 43.0414, 36.8394,
57.6659

■ 32.1126, 17.0776,
54.4275

■ 46.6987, 43.7252,
58.8023

■ 31.1696, 15.6012,
54.1922

■ 50.9093, 51.7144,
60.1224

■ 30.5404, 14.7493,
54.0610

■ 55.6962, 60.8531,
61.6341

■ 30.2812, 14.4463,
54.0162

■ 61.0814, 71.1851,
63.3445

■ 67.0855, 82.7516,
65.2606

■ 69.9135, 87.9626,
66.1174

■ 70.2154, 88.1182,
66.1315

Harmonies

Analogous

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



30.8778, 26.1750, 77.9652



37.2849, 26.1750, 55.9105



40.4003, 26.1750, 31.8399

Triad

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



37.2849, 26.1750, 55.9105



26.0189, 26.1750, 5.0452



14.7757, 26.1750, 47.6247

Complementary

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



37.2849, 26.1750, 55.9105



29.6669, 44.6147, 21.5172

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.



13.9493, 26.1750, 25.4024



37.2849, 26.1750, 55.9105



19.7115, 26.1750, 6.2001

Square

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



37.2849, 26.1750, 55.9105



33.1799, 26.1750, 7.4381



15.5837, 26.1750, 11.9352



18.0920, 26.1750, 71.8401

Rectangle

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



37.2849, 26.1750, 55.9105



39.8430, 26.1750, 19.7805



15.5837, 26.1750, 11.9352



14.2267, 26.1750, 39.4663

Sweetspot

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



37.2858, 26.1762, 55.9111



84.6819, 80.2874, 105.6415



22.5014, 19.5148, 55.4045



17.7861, 16.5432, 22.5057



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.



37.2858, 26.1762, 55.9111



62.8664, 39.8189, 98.9801



34.7419, 25.3073, 35.7951



11.0213, 10.7848, 13.4183



19.9415, 9.5145, 35.5298



0.9628, 0.4601, 1.6832

Inverse Universe

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



31.5328, 24.0237, 18.8959



51.3459, 35.5364, 23.5964



31.5508, 45.2952, 34.7398



10.6579, 10.6465, 11.1818



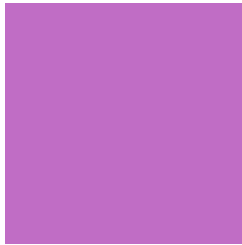
15.1960, 7.8280, 0.9763



0.7282, 0.3741, 0.0921

Previews

White Background



This preview shows how the XYZ color 37.2849, 26.1750, 55.9105 looks on a white background.

Color Contrast Check

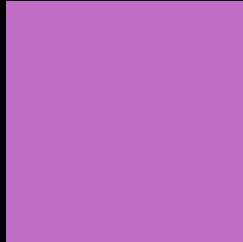
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2849, 26.1750, 55.9105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

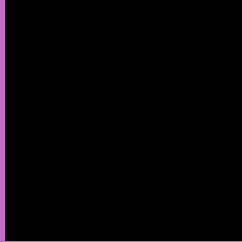
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.2849, 26.1750, 55.9105

Background



This preview shows how black text looks on a background with the XYZ color 37.2849, 26.1750, 55.9105.



This preview shows how white text looks on a background with the XYZ color 37.2849, 26.1750,

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

37.2849, 26.1750, 55.9105

Protanopia

28.4463, 26.6486, 72.0510

Deuteranopia

27.0604, 26.3427, 53.5276



Tritanopia

31.2085, 26.2991, 25.6217

Trichromacy



Original Color

37.2849, 26.1750, 55.9105

Protanomaly

30.1205, 25.4212, 65.6066

Deuteranomaly

29.7214, 25.4633, 54.3874

Tritanomaly

33.0911, 26.1587, 34.7575

Monochromacy



Original Color

37.2849, 26.1750, 55.9105

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.4251, 26.4540, 38.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2849, 26.1750, 55.9105 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(192, 109, 197)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 197)  
}
```

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(192, 109, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.2849, 26.1750, 55.9105 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(192, 109, 197) }
```


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

```
.border{ border-color:rgb(192, 109, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 109, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 109, 197); box-shadow:4px 4px 4px 4px rgb(192, 109, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2849, 26.1750, 55.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 197) }
```

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

```
.background{ background-color: rgb(192,  
109, 197) }
```

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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