

Converting Colors

XYZ(30.8289, 37.4977, 6.2290)

Have a look what the booklet for
XYZ(30.8289, 37.4977, 6.2290)
contains.

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Color

**XYZ(30.8289, 37.4977,
6.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AB13
RGB	168, 171, 19
RGB Percent	66%, 67%, 7%
CMY	0.3412, 0.3294, 0.9255
CMYK	0.02, 0.00, 0.89, 0.33
HSL	61°, 80%, 37%
HSV	61°, 89%, 67%
XYZ	30.8289, 37.4977, 6.2290
YIQ	152.7750, 47.0040, -47.9080

Conversions

Conversions Part 2

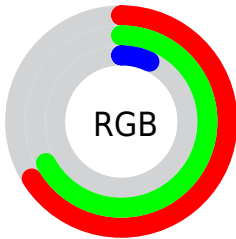
Format	Color
RYB	19, 171, 22
Decimal	11053843
CIELab	67.65, -17.02, 67.16
CIELCh	68, 69.280, 104.218
Yxy	37.4977, 0.4135, 0.5029
Android (android.graphics.Color)	4289243923 (0xFFA8AB13)
YUV	152.7750, -65.9511, 13.3523
Hunter-Lab	61.2354, -17.2962, 36.8336

Details

The XYZ color **30.8289, 37.4977, 6.2290** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.9154, 3.5773, 38.8038**, and the grayscale version is **30.4451, 32.0306, 34.8813**.

A 20% lighter version of the original color is **60.4751, 71.3637, 18.9747**, and **13.2789, 16.6384, 2.5117** is the 20% darker color. If you saturate the color by 10%, you get **30.6507, 37.4195, 5.6621**, and if you desaturate by 10%, it is **31.1043, 37.6176, 7.2995**.

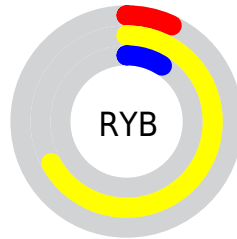
Distribution



Red (66%)

Green (67%)

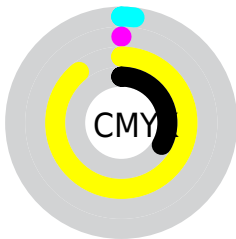
Blue (7%)



Red (7%)

Yellow (67%)

Blue (9%)

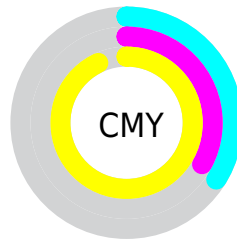


Cyan (2%)

Magenta (0%)

Yellow (89%)

Black (33%)



Cyan (34%)


Magenta (33%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8289, 37.4977, 6.2290 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 30.8289, 37.4977, 6.2290 by changing the saturation by 10% instead.


 30.8289, 37.4977,
6.2290


 30.8289, 37.4977,
6.2290


297.5903,
335.4603, 170.4743

 20.6198, 25.5931,
2.9138


 60.3483, 71.3376,
18.8902


 12.9572, 16.5195,
1.0508


 80.3892, 94.0416,
29.0733


 7.4759, 9.8925,
0.0000


 104.4382,
121.1143, 42.3827

 3.8104, 5.3277,
0.0000

 132.8605,
152.9399, 59.2370

 1.5955, 2.4408,
0.0000

 166.0215,
189.9030, 80.0548

 0.3894, 0.8468,
0.0000

 204.2865,

 0.0000, 0.0000,

232.3878, 105.2546

0.0000

248.0210,
280.7787, 135.2549

■ 30.8289, 37.4977,
6.2290

■ 30.8289, 37.4977,
6.2290

■ 30.6507, 37.4195,
5.6621

■ 31.1043, 37.6176,
7.2995

■ 30.6322, 37.4112,
5.6066

■ 31.5040, 37.7858,
9.0266

■ 32.0443, 38.0103,
11.4939

■ 32.7388, 38.2965,
14.7718

■ 33.5993, 38.6491,
18.9228

■ 34.6364, 39.0724,
24.0031

■ 35.8600, 39.5703,
30.0643

■ 37.2791, 40.1464,
37.1542

■ 38.9022, 40.8042,
45.3174

Harmonies

Analogous

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



41.5255, 37.4977, 6.3485



30.8289, 37.4977, 6.2290



23.1469, 37.4977, 11.5111

Triad

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



30.8289, 37.4977, 6.2290



22.8507, 37.4977, 97.1435



59.2918, 37.4977, 59.0139

Complementary

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



30.8289, 37.4977, 6.2290



7.9154, 3.5773, 38.8038

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.



51.9738, 37.4977, 99.1827



30.8289, 37.4977, 6.2290



30.3395, 37.4977, 127.6563

Square

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



30.8289, 37.4977, 6.2290



19.2041, 37.4977, 57.0518



40.9282, 37.4977, 128.5477



59.4959, 37.4977, 28.0154

Rectangle

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



30.8289, 37.4977, 6.2290



20.1570, 37.4977, 20.2112



40.9282, 37.4977, 128.5477



57.5256, 37.4977, 72.1406

Sweetspot

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



30.8298, 37.4994, 6.2298



62.3157, 70.0895, 44.4036



17.1915, 9.2620, 1.4982



13.7485, 15.5698, 9.1722



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.



30.8298, 37.4994, 6.2298



54.8346, 66.9857, 10.0394



19.1426, 31.4745, 5.6828



8.6468, 9.3220, 8.5570



23.0963, 28.2036, 4.2265



0.6473, 0.7871, 0.1178

Inverse Universe

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



7.9154, 3.5773, 38.8038



13.2196, 5.2942, 69.3270



12.5718, 5.9777, 39.0217



7.5930, 7.7645, 10.0512



5.5786, 2.2357, 29.1820



0.1598, 0.0646, 0.8120

Previews

White Background



This preview shows how the XYZ color 30.8289, 37.4977, 6.2290 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 30.8289, 37.4977, 6.2290 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 30.8289, 37.4977, 6.2290

Background



This preview shows how black text looks on a background with the XYZ color 30.8289, 37.4977, 6.2290.

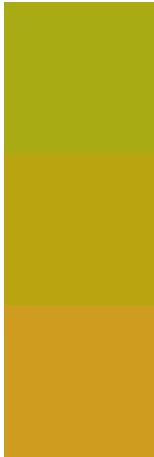


This preview shows how white text looks on a background with the XYZ color 30.8289, 37.4977,

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

30.8289, 37.4977, 6.2290

Protanopia

33.8060, 37.3898, 5.9655

Deuteranopia

38.1616, 37.2911, 6.5531



Tritanopia

38.3392, 37.3203, 43.7109

Trichromacy



Original Color

30.8289, 37.4977, 6.2290

Protanomaly

32.5183, 37.2648, 6.0512

Deuteranomaly

34.9350, 36.9063, 6.3193

Tritanomaly

33.9288, 36.5693, 21.7933

Monochromacy



Original Color

30.8289, 37.4977, 6.2290

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1700, 33.4102, 18.0081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8289, 37.4977, 6.2290 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(168, 171, 19)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 19)  
}
```

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(168, 171, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 19) }
```

Border

The CSS property to change the border of an element to XYZ 30.8289, 37.4977, 6.2290 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(168, 171, 19) }
```


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

```
.border{ border-color:rgb(168, 171, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 171, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 171, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 171, 19);  
box-shadow:4px 4px 4px 4px rgb(168, 171,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8289, 37.4977, 6.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 19) }
```

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

```
.background{ background-color: rgb(168,  
171, 19) }
```

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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