

Converting Colors

XYZ(31.8896, 35.0977, 5.2373)

Have a look what the booklet for
XYZ(31.8896, 35.0977, 5.2373)
contains.

XYZ(31.8896, 35.0977, 5.2373)	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(31.8896, 35.0977,
5.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A005
RGB	182, 160, 5
RGB Percent	71%, 63%, 2%
CMY	0.2863, 0.3725, 0.9803
CMYK	0.00, 0.12, 0.97, 0.29
HSL	53°, 95%, 37%
HSV	53°, 97%, 71%
XYZ	31.8896, 35.0977, 5.2373
YIQ	148.9080, 62.8670, -43.5410

Conversions

Conversions Part 2

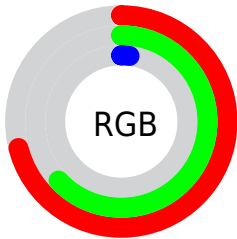
Format	Color
R _Y B	30, 182, 5
Decimal	11968517
CIE Lab	65.82, -5.26, 68.34
CIE LCh	66, 68.544, 94.399
Yxy	35.0977, 0.4415, 0.4860
Android (android.graphics.Color)	4290158597 (0xFFB6A005)
YUV	148.9080, -70.9466, 29.0217
Hunter-Lab	59.2433, -7.5925, 36.2289

Details

The XYZ color **31.8896, 35.0977, 5.2373** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.8982, 4.1939, 44.5961**, and the grayscale version is **28.8003, 30.3002, 32.9969**.

A 20% lighter version of the original color is **62.0041, 67.5062, 16.7832**, and **13.7808, 15.2224, 2.2119** is the 20% darker color. If you saturate the color by 10%, you get **31.7552, 34.8730, 5.0575**, and if you desaturate by 10%, it is **32.4154, 35.9425, 6.0509**.

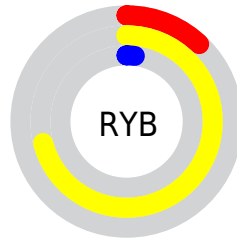
Distribution



Red (71%)

Green (63%)

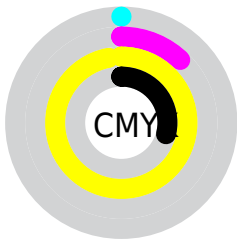
Blue (2%)



Red (12%)

Yellow (71%)

Blue (2%)

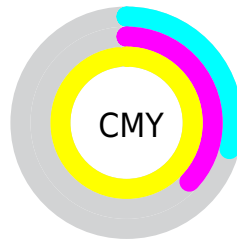


Cyan (0%)

Magenta (12%)

Yellow (97%)

Black (29%)



Cyan (29%)

Magenta (37%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8896, 35.0977, 5.2373 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 31.8896, 35.0977, 5.2373 by changing the saturation by 10% instead.

■ 31.8896, 35.0977,
5.2373

■ 31.8896, 35.0977,
5.2373

302.3703,
324.9994, 161.1193

■ 21.4323, 23.7381,
2.3260

■ 62.0043, 67.6371,
16.7755

■ 13.5546, 15.1395,
0.7457

■ 82.3925, 89.5857,
26.2394

■ 7.8912, 8.9173,
0.0000

■ 106.8217,
115.8328, 38.7247

■ 4.0766, 4.6873,
0.0000

■ 135.6573,
146.7628, 54.6498

■ 1.7456, 2.0650,
0.0000

■ 169.2645,
182.7601, 74.4333

■ 0.4845, 0.6448,
0.0000

■ 208.0089,

■ 0.0000, 0.0000,

224.2090, 98.4936

0.0000

252.2557,
271.4939, 127.2495

31.8896, 35.0977,
5.2373

31.8896, 35.0977,
5.2373

31.7552, 34.8730,
5.0575

32.4154, 35.9425,
6.0509

33.0690, 36.8485,
7.5053

33.8769, 37.8278,
9.7374

34.8573, 38.8876,
12.8414

36.0253, 40.0342,
16.8979

■ 37.3947, 41.2730,
21.9785

■ 38.9777, 42.6090,
28.1479

■ 40.7857, 44.0469,
35.4655

■ 42.8291, 45.5907,
43.9862

Harmonies

Analogous

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



42.4889, 35.0977, 6.7776



31.8896, 35.0977, 5.2373



23.5335, 35.0977, 8.2177

Triad

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



31.8896, 35.0977, 5.2373



19.7470, 35.0977, 79.1127



54.1531, 35.0977, 67.6908

Complementary

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



31.8896, 35.0977, 5.2373



8.8982, 4.1939, 44.5961

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.



45.5980, 35.0977, 105.0640



31.8896, 35.0977, 5.2373



25.6412, 35.0977, 113.6738

Square

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



31.8896, 35.0977, 5.2373



17.4820, 35.0977, 42.6491



34.8735, 35.0977, 125.0017



56.7519, 35.0977, 34.1002

Rectangle

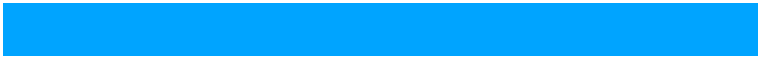
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



31.8896, 35.0977, 5.2373



19.9124, 35.0977, 14.0959



34.8735, 35.0977, 125.0017



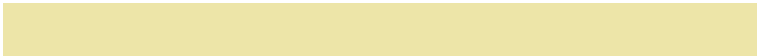
51.8041, 35.0977, 80.6774

Sweetspot

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



31.8904, 35.0994, 5.2380



69.9879, 76.6910, 48.3440



19.5626, 10.1406, 2.0636



15.1860, 16.7099, 9.6144



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.8904, 35.0994, 5.2380



57.4530, 62.9860, 9.1294



24.1054, 37.2557, 6.0645



9.6524, 10.3077, 9.5878



22.4585, 24.6934, 3.5826



0.8186, 0.9244, 0.1353

Inverse Universe

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



8.8982, 4.1939, 44.5961



15.7590, 7.0252, 80.7611



11.0170, 4.7848, 44.5985



8.6087, 8.8946, 11.3425



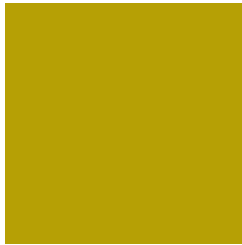
6.2012, 2.8621, 31.4787



0.2480, 0.1597, 1.1195

Previews

White Background



This preview shows how the XYZ color 31.8896, 35.0977, 5.2373 looks on a white background.

Color Contrast Check

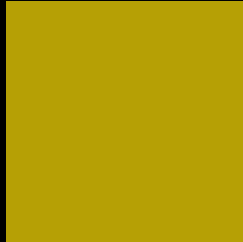
Large Text (above 18pt) WCAG AA × Fail

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 31.8896, 35.0977, 5.2373 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 31.8896, 35.0977, 5.2373

Background



This preview shows how black text looks on a background with the XYZ color 31.8896, 35.0977, 5.2373.



This preview shows how white text looks on a background with the XYZ color 31.8896, 35.0977,

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

31.8896, 35.0977, 5.2373

Protanopia

31.8338, 35.3266, 5.3132

Deuteranopia

35.7116, 35.0635, 5.5476



Tritanopia

38.5785, 35.1093, 38.0012

Trichromacy



Original Color

31.8896, 35.0977, 5.2373

Protanomaly

31.8338, 35.3266, 5.3132

Deuteranomaly

34.3132, 35.0793, 5.4144

Tritanomaly

34.6290, 34.4733, 17.9256

Monochromacy



Original Color

31.8896, 35.0977, 5.2373

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.2468, 31.2226, 15.8471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8896, 35.0977, 5.2373 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(182, 160, 5)` looks like.

```
.text, #text, p{  
    color:rgb(182, 160, 5)  
}
```

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(182, 160, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 160, 5) }
```

Border

The CSS property to change the border of an element to XYZ 31.8896, 35.0977, 5.2373 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(182, 160, 5) }
```


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

```
.border{ border-color:rgb(182, 160, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 160, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 160, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 160, 5);  
box-shadow:4px 4px 4px 4px rgb(182, 160,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8896, 35.0977, 5.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 160, 5) }
```

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

```
.background{ background-color: rgb(182,  
160, 5) }
```

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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