

Converting Colors

XYZ(30.5141, 31.0205, 13.3961)

Have a look what the booklet for
XYZ(30.5141, 31.0205, 13.3961)
contains.

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Color

**XYZ(30.5141, 31.0205,
13.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	B29357
RGB	178, 147, 87
RGB Percent	70%, 58%, 34%
CMY	0.3020, 0.4235, 0.6588
CMYK	0.00, 0.17, 0.51, 0.30
HSL	40°, 37%, 52%
HSV	40°, 51%, 70%
XYZ	30.5141, 31.0205, 13.3961
YIQ	149.4290, 37.7360, -12.0880

Conversions

Conversions Part 2

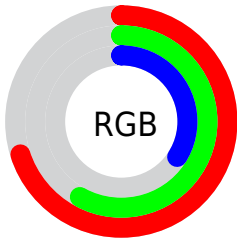
Format	Color
RYB	134, 178, 87
Decimal	11703127
CIELab	62.52, 3.90, 35.92
CIELCh	63, 36.126, 83.808
Yxy	31.0205, 0.4072, 0.4140
Android (android.graphics.Color)	4289893207 (0xFFB29357)
YUV	149.4290, -30.7775, 25.0568
Hunter-Lab	55.6961, 0.3264, 24.7267

Details

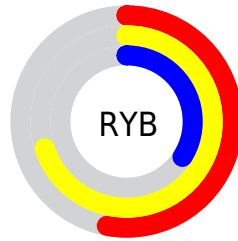
The XYZ color **30.5141, 31.0205, 13.3961** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4446, 18.1968, 44.6595**, and the grayscale version is **28.8632, 30.3663, 33.0689**.

A 20% lighter version of the original color is **59.7350, 61.2704, 32.7228**, and **12.8093, 12.9068, 3.7356** is the 20% darker color. If you saturate the color by 10%, you get **28.9568, 28.9297, 9.7209**, and if you desaturate by 10%, it is **32.3019, 33.2854, 18.0334**.

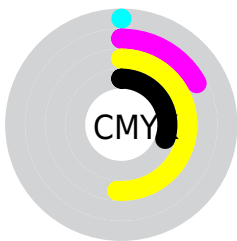
Distribution



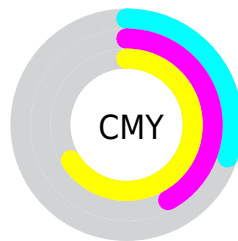
- Red (70%)
- Green (58%)
- Blue (34%)



- Red (53%)
- Yellow (70%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (30%)



- Cyan (30%)
- Magenta (42%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5141, 31.0205, 13.3961 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 30.5141, 31.0205, 13.3961 by changing the saturation by 10% instead.

■ 30.5141, 31.0205,
13.3961

■ 30.5141, 31.0205,
13.3961

296.1605,
306.6328, 224.7371

■ 20.3791, 20.6145,
7.5679

■ 59.8553, 61.2723,
32.7151

■ 12.7808, 12.8425,
3.7360

■ 79.7923, 81.8869,
47.0431

■ 7.3537, 7.3202,
1.4816

■ 103.7273,
106.6732, 65.0414

■ 3.7326, 3.6631,
0.2042

■ 132.0257,
136.0154, 87.1286

■ 1.5520, 1.4870,
0.0000

■ 165.0529,
170.2981, 113.7232

■ 0.3608, 0.2795,
0.0000

203.1742,

■ 0.0000, 0.0000,

209.9057, 145.2438

0.0000

246.7549,
255.2224, 182.1090

■ 30.5141, 31.0205,
13.3961

■ 30.5141, 31.0205,
13.3961

■ 28.9568, 28.9297,
9.7209

■ 32.3019, 33.2854,
18.0334

■ 27.6136, 27.0017,
6.9351

■ 34.3309, 35.7262,
23.6948

■ 26.4691, 25.2302,
4.9583

■ 36.6134, 38.3503,
30.4391

■ 25.5045, 23.6065,
3.6948

■ 39.1603, 41.1632,
38.3201

■ 24.7646, 22.2741,
2.9941

■ 41.9819, 44.1701,
47.3881

■ 45.0878, 47.3759,
57.6902

■ 48.4869, 50.7852,
69.2711

■ 52.1881, 54.4027,
82.1732

■ 56.1996, 58.2327,
96.4368

Harmonies

Analogous

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



35.4175, 31.0205, 16.3171



30.5141, 31.0205, 13.3961



25.8349, 31.0205, 14.5866

Triad

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



30.5141, 31.0205, 13.3961



21.6626, 31.0205, 45.9084



37.7784, 31.0205, 52.3894

Complementary

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



30.5141, 31.0205, 13.3961



18.4446, 18.1968, 44.6595

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.



33.4616, 31.0205, 65.0435



30.5141, 31.0205, 13.3961



24.2533, 31.0205, 60.6331

Square

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



30.5141, 31.0205, 13.3961



21.0590, 31.0205, 30.9429



28.4775, 31.0205, 68.4174



39.9010, 31.0205, 36.7771

Rectangle

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



30.5141, 31.0205, 13.3961



23.4197, 31.0205, 17.7800



28.4775, 31.0205, 68.4174



36.5142, 31.0205, 57.2868

Sweetspot

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



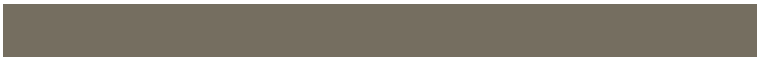
30.5148, 31.0220, 13.3967



69.0450, 72.4949, 63.3230



25.0892, 17.6099, 19.4826



15.0840, 15.8259, 13.3710



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.



30.5148, 31.0220, 13.3967



52.2682, 52.1238, 17.0908



33.0229, 40.4587, 15.0860



8.9484, 9.4094, 8.9971



17.7795, 16.0576, 2.1623



0.6109, 0.6083, 0.0852

Inverse Universe

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



18.4446, 18.1968, 44.6595



28.0290, 26.4102, 80.0016



16.7721, 12.7776, 43.7017



8.2707, 8.6876, 10.7473



6.9828, 4.7661, 30.6889



0.2752, 0.2609, 0.9841

Previews

White Background



This preview shows how the XYZ color 30.5141, 31.0205, 13.3961 looks on a white background.

Color Contrast Check

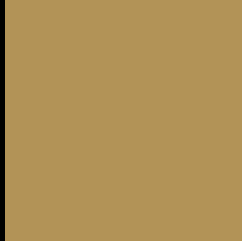
Large Text (above 18pt) WCAG AA × Fail

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 30.5141, 31.0205, 13.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

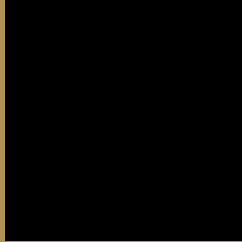
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5141, 31.0205, 13.3961

Background



This preview shows how black text looks on a background with the XYZ color 30.5141, 31.0205, 13.3961.



This preview shows how white text looks on a background with the XYZ color 30.5141, 31.0205,

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

30.5141, 31.0205, 13.3961

Protanopia

28.5957, 30.9615, 13.9202

Deuteranopia

31.5019, 30.8414, 13.5252



Tritanopia

34.5048, 30.8576, 32.9917

Trichromacy



Original Color

30.5141, 31.0205, 13.3961

Protanomaly

29.2454, 31.0633, 13.6869

Deuteranomaly

31.1783, 30.9005, 13.5536

Tritanomaly

32.7952, 30.8234, 24.2997

Monochromacy



Original Color

30.5141, 31.0205, 13.3961

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8530, 30.1598, 24.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5141, 31.0205, 13.3961 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(178, 147, 87)` looks like.

```
.text, #text, p{  
    color:rgb(178, 147, 87)  
}
```

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(178, 147, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 147, 87) }
```

Border

The CSS property to change the border of an element to XYZ 30.5141, 31.0205, 13.3961 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(178, 147, 87) }
```


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

```
.border{ border-color:rgb(178, 147, 87) }
```

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

Here you see how a box with a 4 pixel rgb(178, 147, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 147, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 147, 87);  
box-shadow:4px 4px 4px 4px rgb(178, 147,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5141, 31.0205, 13.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 147, 87) }
```

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

```
.background{ background-color: rgb(178,  
147, 87) }
```

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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