

Converting Colors

XYZ(30.9361, 33.8131, 6.4095)

Have a look what the booklet for
XYZ(30.9361, 33.8131, 6.4095)
contains.

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Color

**XYZ(30.9361, 33.8131,
6.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	B39D22
RGB	179, 157, 34
RGB Percent	70%, 62%, 13%
CMY	0.2980, 0.3843, 0.8666
CMYK	0.00, 0.12, 0.81, 0.30
HSL	51°, 68%, 42%
HSV	51°, 81%, 70%
XYZ	30.9361, 33.8131, 6.4095
YIQ	149.5560, 52.5950, -33.5890

Conversions

Conversions Part 2

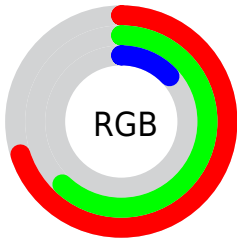
Format	Color
RYB	60, 179, 34
Decimal	11771170
CIELab	64.81, -4.40, 61.53
CIELCh	65, 61.691, 94.089
Yxy	33.8131, 0.4347, 0.4752
Android (android.graphics.Color)	4289961250 (0xFFB39D22)
YUV	149.5560, -56.9691, 25.8224
Hunter-Lab	58.1490, -6.7963, 34.1691

Details

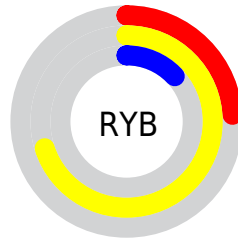
The XYZ color **30.9361, 33.8131, 6.4095** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.2107, 6.4232, 43.3492**, and the grayscale version is **29.0201, 30.5315, 33.2488**.

A 20% lighter version of the original color is **60.4425, 65.5210, 19.3587**, and **13.1801, 14.4456, 2.0936** is the 20% darker color. If you saturate the color by 10%, you get **30.2880, 32.8282, 5.2345**, and if you desaturate by 10%, it is **31.7303, 34.8754, 8.2970**.

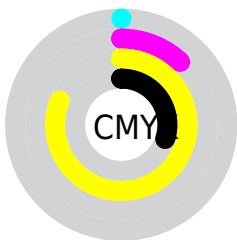
Distribution



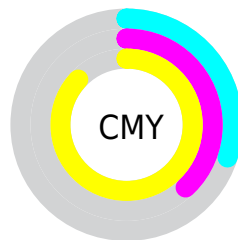
- Red (70%)
- Green (62%)
- Blue (13%)



- Red (24%)
- Yellow (70%)
- Blue (13%)



- Cyan (0%)
- Magenta (12%)
- Yellow (81%)
- Black (30%)





- Cyan (30%)
- Magenta (38%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9361, 33.8131, 6.4095 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 30.9361, 33.8131, 6.4095 by changing the saturation by 10% instead.


 30.9361, 33.8131,
6.4095


 30.9361, 33.8131,
6.4095


298.0760,
319.2979, 172.1031

 20.7018, 22.7501,
3.0229


 60.5160, 65.6429,
19.2673


 13.0174, 14.4091,
1.1063


 80.5923, 87.1785,
29.5755


 7.5176, 8.4057,
0.0000


 104.6799,
112.9737, 43.0279

 3.8371, 4.3556,
0.0000

 133.1442,
143.4129, 60.0432

 1.6104, 1.8744,
0.0000

 166.3507,
178.8805, 81.0398

 0.3992, 0.5329,
0.0000

 204.6645,

 0.0000, 0.0000,

219.7610, 106.4363

0.0000

248.4512,
266.4386, 136.6512

■ 30.9361, 33.8131,
6.4095

■ 30.9361, 33.8131,
6.4095

■ 30.2880, 32.8282,
5.2345

■ 31.7303, 34.8754,
8.2970

■ 29.7936, 31.9902,
4.6044

■ 32.6868, 36.0177,
10.9916

■ 33.8219, 37.2480,
14.5757

■ 35.1492, 38.5719,
19.1210

■ 36.6811, 39.9943,
24.6917

■ 38.4288, 41.5199,
31.3466

■ 40.4025, 43.1528,
39.1400

■ 42.6121, 44.8972,
48.1226

■ 45.0666, 46.7566,
58.3420

Harmonies

Analogous

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



40.1921, 33.8131, 8.0225



30.9361, 33.8131, 6.4095



23.4866, 33.8131, 9.3525

Triad

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



30.9361, 33.8131, 6.4095



19.9699, 33.8131, 71.5894



50.0735, 33.8131, 62.5866

Complementary

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



30.9361, 33.8131, 6.4095



10.2107, 6.4232, 43.3492

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.



42.6900, 33.8131, 93.9807



30.9361, 33.8131, 6.4095



25.2395, 33.8131, 100.6453

Square

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



30.9361, 33.8131, 6.4095



17.9381, 33.8131, 40.4149



33.3713, 33.8131, 110.3066



52.3558, 33.8131, 33.4387

Rectangle

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



30.9361, 33.8131, 6.4095



20.1975, 33.8131, 14.9380



33.3713, 33.8131, 110.3066



48.0466, 33.8131, 73.5923

Sweetspot

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



30.9369, 33.8147, 6.4102



67.7157, 73.4105, 51.8609



19.9306, 11.0353, 5.1055



14.7584, 16.0509, 10.5613



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.



30.9369, 33.8147, 6.4102



53.5056, 57.5244, 8.4832



25.7176, 37.1543, 7.3299



9.0851, 9.6826, 9.0426



21.0917, 22.6820, 3.2664



0.6933, 0.7729, 0.1127

Inverse Universe

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



10.2107, 6.4232, 43.3492



15.4563, 7.4672, 77.0078



12.2179, 6.2080, 43.2018



8.1426, 8.4314, 10.7046



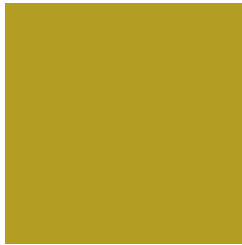
6.0603, 2.9210, 30.3814



0.2229, 0.1563, 0.9667

Previews

White Background



This preview shows how the XYZ color 30.9361, 33.8131, 6.4095 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 30.9361, 33.8131, 6.4095 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 30.9361, 33.8131, 6.4095

Background



This preview shows how black text looks on a background with the XYZ color 30.9361, 33.8131, 6.4095.



This preview shows how white text looks on a background with the XYZ color 30.9361, 33.8131,

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

30.9361, 33.8131, 6.4095

Protanopia

30.6471, 33.9163, 6.4446

Deuteranopia

34.3860, 33.6406, 6.5147



Tritanopia

37.1895, 33.7178, 36.8958

Trichromacy



Original Color

30.9361, 33.8131, 6.4095

Protanomaly

30.8757, 34.0342, 6.4553

Deuteranomaly

33.0480, 33.6664, 6.5067

Tritanomaly

33.8946, 33.3192, 20.2676

Monochromacy



Original Color

30.9361, 33.8131, 6.4095

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7959, 31.4422, 18.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9361, 33.8131, 6.4095 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(179, 157, 34)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 34)  
}
```

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(179, 157, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 34) }
```

Border

The CSS property to change the border of an element to XYZ 30.9361, 33.8131, 6.4095 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(179, 157, 34) }
```


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

```
.border{ border-color:rgb(179, 157, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 34);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9361, 33.8131, 6.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 34) }
```

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

```
.background{ background-color: rgb(179,  
157, 34) }
```

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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