

Converting Colors

XYZ(35.6591, 31.5273, 5.3930)

Have a look what the booklet for
XYZ(35.6591, 31.5273, 5.3930)
contains.

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Color

**XYZ(35.6043, 31.3987,
5.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	D2881D
RGB	210, 136, 29
RGB Percent	82%, 53%, 11%
CMY	0.1765, 0.4666, 0.8863
CMYK	0.00, 0.35, 0.86, 0.18
HSL	35°, 76%, 47%
HSV	35°, 86%, 82%
XYZ	35.6043, 31.3987, 5.3464
YIQ	145.9280, 78.4510, -17.5890

Conversions

Conversions Part 2

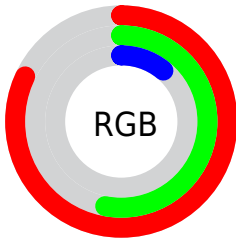
Format	Color
RYB	154, 210, 29
Decimal	13797405
CIELab	62.84, 20.59, 62.70
CIElCh	63, 65.994, 71.817
Yxy	31.3987, 0.4921, 0.4340
Android (android.graphics.Color)	4291987485 (0xFFD2881D)
YUV	145.9280, -57.6455, 56.1911
Hunter-Lab	56.0345, 15.3583, 33.5672

Details

The XYZ color **35.6043, 31.3987, 5.3464** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **16.9896, 14.6145, 62.8977**, and the grayscale version is **27.4994, 28.9315, 31.5064**.

A 20% lighter version of the original color is **61.0773, 58.3111, 16.6304**, and **15.9055, 13.1396, 1.6979** is the 20% darker color. If you saturate the color by 10%, you get **34.2659, 29.0068, 4.0227**, and if you desaturate by 10%, it is **37.2170, 34.0580, 7.6304**.

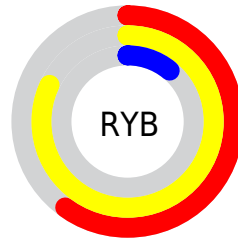
Distribution



Red (82%)

Green (53%)

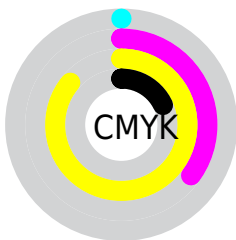
Blue (11%)



Red (60%)

Yellow (82%)

Blue (11%)

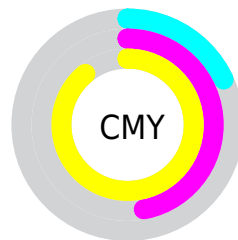


Cyan (0%)

Magenta (35%)

Yellow (86%)

Black (18%)



Cyan (18%)


Magenta (47%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6043, 31.3987, 5.3464 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 35.6043, 31.3987, 5.3464 by changing the saturation by 10% instead.


 35.6043, 31.3987,
5.3464


 35.6043, 31.3987,
5.3464


318.6892,
308.3709, 162.1855


 24.2974, 20.9026,
2.3896


 67.7487, 61.8672,
17.0120

 15.6803, 13.0529,
0.7808


 89.3170, 82.6085,
26.5580


 9.3876, 7.4650,
0.0000


 115.0365,
107.5336, 39.1374

 5.0540, 3.7545,
0.0000

 145.2725,
137.0270, 55.1688

 2.3141, 1.5372,
0.0000

 180.3905,
171.4730, 75.0708

 0.8018, 0.3147,
0.0000

 220.7556,

 0.0000, 0.0000,

211.2561, 99.2619

0.0000

266.7334,
256.7606, 128.1606

■ 35.6043, 31.3987,
5.3464

■ 35.6043, 31.3987,
5.3464

■ 34.2659, 29.0068,
4.0227

■ 37.2170, 34.0580,
7.6304

■ 33.8044, 28.1541,
3.6526

■ 39.1357, 36.9967,
11.0404

■ 41.3884, 40.2310,
15.7102

■ 43.9988, 43.7734,
21.7542

■ 46.9879, 47.6356,
29.2739

■ 50.3750, 51.8285,
38.3611

■ 54.1779, 56.3620,
49.1000

■ 58.4131, 61.2458,
61.5687

■ 63.0962, 66.4890,
75.8406

Harmonies

Analogous

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



44.7668, 31.3987, 10.5754



35.6043, 31.3987, 5.3464



26.4228, 31.3987, 4.9417

Triad

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



35.6043, 31.3987, 5.3464



15.8556, 31.3987, 45.4322



43.0016, 31.3987, 86.3433

Complementary

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



35.6043, 31.3987, 5.3464



16.9896, 14.6145, 62.8977

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.



33.5475, 31.3987, 109.7532



35.6043, 31.3987, 5.3464



18.6709, 31.3987, 79.2934

Square

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



35.6043, 31.3987, 5.3464



16.1856, 31.3987, 20.8850



24.7403, 31.3987, 106.6682



49.5964, 31.3987, 52.1985

Rectangle

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



35.6043, 31.3987, 5.3464



21.5838, 31.3987, 6.9315



24.7403, 31.3987, 106.6682



39.9801, 31.3987, 96.3529

Sweetspot

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



35.6050, 31.4003, 5.3470



78.1075, 80.3505, 59.3660



29.5377, 15.5885, 14.6607



16.3093, 16.6983, 11.5906



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.



35.6050, 31.4003, 5.3470



52.2668, 43.3136, 5.6056



45.7523, 57.7726, 9.9025



12.3813, 12.9533, 12.4597



20.7214, 17.3759, 2.2617



1.2356, 1.1256, 0.1521

Inverse Universe

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



16.9896, 14.6145, 62.8977



23.0253, 17.1706, 96.7084



13.1147, 6.0695, 61.4526



11.5549, 12.2000, 14.9895



9.2119, 7.0704, 38.0717



0.5923, 0.5497, 2.1545

Previews

White Background



This preview shows how the XYZ color 35.6043, 31.3987, 5.3464 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 35.6043, 31.3987, 5.3464 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 35.6043, 31.3987, 5.3464

Background



This preview shows how black text looks on a background with the XYZ color 35.6043, 31.3987, 5.3464.



This preview shows how white text looks on a background with the XYZ color 35.6043, 31.3987,

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

35.6043, 31.3987, 5.3464

Protanopia

28.4603, 31.5502, 6.0286

Deuteranopia

32.0183, 31.5191, 5.2069



Tritanopia

40.0576, 31.4034, 27.2427

Trichromacy



Original Color

35.6043, 31.3987, 5.3464

Protanomaly

30.7020, 31.2860, 5.7871

Deuteranomaly

33.4017, 31.5583, 5.2506

Tritanomaly

37.5809, 30.9745, 15.3072

Monochromacy



Original Color

35.6043, 31.3987, 5.3464

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4834, 28.7603, 16.8820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6043, 31.3987, 5.3464 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(210, 136, 29)` looks like.

```
.text, #text, p{  
    color:rgb(210, 136, 29)  
}
```

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(210, 136, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 136, 29) }
```

Border

The CSS property to change the border of an element to XYZ 35.6043, 31.3987, 5.3464 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(210, 136, 29) }
```


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

```
.border{ border-color:rgb(210, 136, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 136, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 136, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 136, 29);  
box-shadow:4px 4px 4px 4px rgb(210, 136,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6043, 31.3987, 5.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 136, 29) }
```

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

```
.background{ background-color: rgb(210,  
136, 29) }
```

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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