

Converting Colors

XYZ(34.3247, 29.5499, 5.3124)

Have a look what the booklet for
XYZ(34.3247, 29.5499, 5.3124)
contains.

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Color

**XYZ(34.2696, 29.4850,
5.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	D08221
RGB	208, 130, 33
RGB Percent	82%, 51%, 13%
CMY	0.1843, 0.4902, 0.8706
CMYK	0.00, 0.37, 0.84, 0.18
HSL	33°, 73%, 47%
HSV	33°, 84%, 82%
XYZ	34.2696, 29.4850, 5.3238
YIQ	142.2640, 77.6250, -13.6310

Conversions

Conversions Part 2

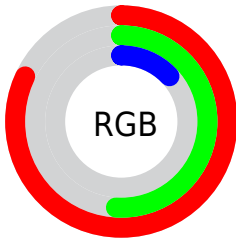
Format	Color
RYB	174, 208, 33
Decimal	13664801
CIELab	61.21, 23.08, 59.98
CIELCh	61, 64.270, 68.953
Yxy	29.4850, 0.4961, 0.4268
Android (android.graphics.Color)	4291854881 (0xFFD08221)
YUV	142.2640, -53.8672, 57.6505
Hunter-Lab	54.3001, 17.6289, 32.1970

Details

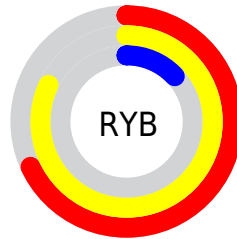
The XYZ color **34.2696, 29.4850, 5.3238** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **17.6965, 16.2456, 61.8771**, and the grayscale version is **26.0020, 27.3561, 29.7908**.

A 20% lighter version of the original color is **59.8938, 55.8151, 16.6335**, and **15.0814, 12.0332, 1.5278** is the 20% darker color. If you saturate the color by 10%, you get **32.8852, 27.0475, 3.8418**, and if you desaturate by 10%, it is **35.9462, 32.2197, 7.7903**.

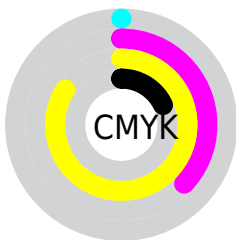
Distribution



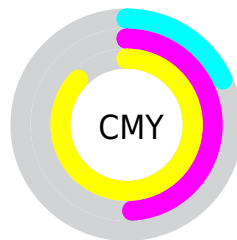
- Red (82%)
- Green (51%)
- Blue (13%)



- Red (68%)
- Yellow (82%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (84%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2696, 29.4850, 5.3238 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 34.2696, 29.4850, 5.3238 by changing the saturation by 10% instead.


 34.2696, 29.4850,
5.3238


 34.2696, 29.4850,
5.3238


312.8973,
299.4965, 161.9655


 23.2647, 19.4480,
2.3764


 65.6942, 58.8468,
16.9631

 14.9108, 11.9945,
0.7736


 86.8446, 78.9404,
26.4921

 8.8427, 6.7399,
0.0000


 112.1075,
103.1549, 39.0521

 4.6950, 3.3000,
0.0000

 141.8483,
131.8749, 55.0616

 2.1024, 1.2903,
0.0000

 176.4323,
165.4846, 74.9392

 0.6905, 0.1337,
0.0000

 216.2249,

 0.0000, 0.0000,

204.3686, 99.1033

0.0000

261.5915,
248.9110, 127.9725

■ 34.2696, 29.4850,
5.3238

■ 34.2696, 29.4850,
5.3238

■ 32.8852, 27.0475,
3.8418

■ 35.9462, 32.2197,
7.7903

■ 32.1769, 25.7391,
3.2722

■ 37.9446, 35.2641,
11.3924

■ 40.2918, 38.6347,
16.2565

■ 43.0112, 42.3449,
22.4915

■ 46.1233, 46.4071,
30.1947

■ 49.6474, 50.8328,
39.4540

■ 53.6011, 55.6329,
50.3509

■ 58.0008, 60.8178,
62.9606

■ 62.8621, 66.3972,
77.3540

Harmonies

Analogous

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



42.6426, 29.4850, 10.8457



34.2696, 29.4850, 5.3238



25.5730, 29.4850, 4.5945

Triad

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



34.2696, 29.4850, 5.3238



14.8509, 29.4850, 39.8981



39.5219, 29.4850, 83.5431

Complementary

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



34.2696, 29.4850, 5.3238



17.6965, 16.2456, 61.8771

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.



30.6281, 29.4850, 103.4288



34.2696, 29.4850, 5.3238



17.1993, 29.4850, 71.1098

Square

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



34.2696, 29.4850, 5.3238



15.4383, 29.4850, 18.1324



22.5885, 29.4850, 97.9955



46.0735, 29.4850, 51.8674

Rectangle

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



34.2696, 29.4850, 5.3238



20.8765, 29.4850, 6.1842



22.5885, 29.4850, 97.9955



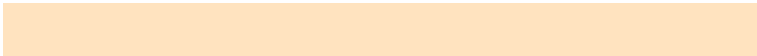
36.6424, 29.4850, 92.4040

Sweetspot

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



34.2703, 29.4865, 5.3243



78.0279, 79.7454, 60.7145



29.4670, 15.6620, 16.7268



16.2656, 16.5257, 11.8388



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.



34.2703, 29.4865, 5.3243



50.8166, 40.4131, 5.1222



46.4498, 57.3975, 10.0698



12.3443, 12.8793, 12.4474



20.1523, 16.2377, 2.0720



1.2053, 1.0650, 0.1420

Inverse Universe

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



17.6965, 16.2456, 61.8771



24.0279, 19.1758, 97.0426



12.8738, 6.1290, 60.1786



11.5912, 12.2727, 15.0016



9.6126, 7.8717, 38.2052



0.6161, 0.5973, 2.1624

Previews

White Background



This preview shows how the XYZ color 34.2696, 29.4850, 5.3238 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2696, 29.4850, 5.3238 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 × Fail

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

XYZ 34.2696, 29.4850, 5.3238

Background



This preview shows how black text looks on a background with the XYZ color 34.2696, 29.4850, 5.3238.



This preview shows how white text looks on a background with the XYZ color 34.2696, 29.4850,

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

34.2696, 29.4850, 5.3238

Protanopia

26.8232, 29.7418, 6.1607

Deuteranopia

30.2162, 29.6937, 5.1758



Tritanopia

38.3072, 29.4326, 24.7811

Trichromacy



Original Color

34.2696, 29.4850, 5.3238

Protanomaly

29.0475, 29.2971, 5.7930

Deuteranomaly

31.6731, 29.5821, 5.2030

Tritanomaly

36.1372, 29.0904, 14.5368

Monochromacy



Original Color

34.2696, 29.4850, 5.3238

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2126, 27.2433, 16.3946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2696, 29.4850, 5.3238 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(208, 130, 33)` looks like.

```
.text, #text, p{  
    color:rgb(208, 130, 33)  
}
```

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(208, 130, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 130, 33) }
```

Border

The CSS property to change the border of an element to XYZ 34.2696, 29.4850, 5.3238 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(208, 130, 33) }
```


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

```
.border{ border-color:rgb(208, 130, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 130, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 130, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 130, 33);  
box-shadow:4px 4px 4px 4px rgb(208, 130,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2696, 29.4850, 5.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 130, 33) }
```

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

```
.background{ background-color: rgb(208,  
130, 33) }
```

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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