

Converting Colors

XYZ(34.0011, 28.6928, 4.6491)

Have a look what the booklet for
XYZ(34.0011, 28.6928, 4.6491)
contains.

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Color

**XYZ(34.0593, 28.8042,
4.6844)**

Conversions

Conversions Part 1

Format	Color
Hex	D17F19
RGB	209, 127, 25
RGB Percent	82%, 50%, 10%
CMY	0.1804, 0.5019, 0.9019
CMYK	0.00, 0.39, 0.88, 0.18
HSL	33°, 79%, 46%
HSV	33°, 88%, 82%
XYZ	34.0593, 28.8042, 4.6844
YIQ	139.8900, 81.6140, -14.3380

Conversions

Conversions Part 2

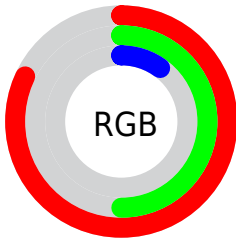
Format	Color
R_{YB}	173, 209, 25
Decimal	13729561
CIE _{Lab}	60.61, 24.93, 62.00
CIE _{LCh}	61, 66.829, 68.093
Y _{xy}	28.8042, 0.5042, 0.4264
Android (android.graphics.Color)	4291919641 (0xFFD17F19)
YUV	139.8900, -56.6408, 60.6095
Hunter-Lab	53.6695, 19.3564, 32.3937

Details

The XYZ color **34.0593, 28.8042, 4.6844** 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 **17.1671, 15.3253, 62.3743**, and the grayscale version is **25.0763, 26.3822, 28.7303**.

A 20% lighter version of the original color is **59.0465, 54.4966, 15.1914**, and **14.8666, 11.6037, 1.4562** is the 20% darker color. If you saturate the color by 10%, you get **32.7590, 26.4487, 3.4964**, and if you desaturate by 10%, it is **35.6348, 31.4502, 6.7674**.

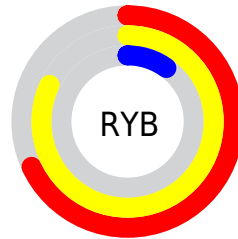
Distribution



Red (82%)

Green (50%)

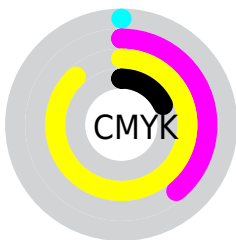
Blue (10%)



Red (68%)

Yellow (82%)

Blue (10%)

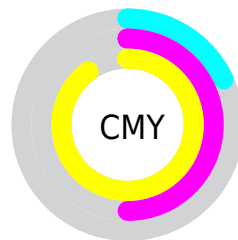


Cyan (0%)

Magenta (39%)

Yellow (88%)

Black (18%)



Cyan (18%)


Magenta (50%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0593, 28.8042, 4.6844 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 34.0593, 28.8042, 4.6844 by changing the saturation by 10% instead.


 34.0593, 28.8042,
4.6844


 34.0593, 28.8042,
4.6844


311.9777,
296.2900, 155.5532


 23.1023, 18.9328,
2.0078


 65.3696, 57.7659,
15.5597


 14.7901, 11.6217,
0.5601


 86.4535, 77.6248,
24.5956

 8.7576, 6.4866,
0.0000


 111.6437,
101.5818, 36.5883

 4.6392, 3.1432,
0.0000

 141.3057,
130.0211, 51.9563

 2.0698, 1.2069,
0.0000

 175.8047,
163.3272, 71.1183

 0.6727, 0.0674,
0.0000

 215.5062,

 0.0000, 0.0000,

201.8845, 94.4928

0.0000

260.7753,
246.0773, 122.4982

34.0593, 28.8042,
4.6844

34.0593, 28.8042,
4.6844

32.7590, 26.4487,
3.4964

35.6348, 31.4502,
6.7674

32.5238, 26.0144,
3.3071

37.5240, 34.4030,
9.9424

39.7560, 37.6799,
14.3462

42.3555, 41.2951,
20.0952

45.3443, 45.2615,
27.2918

■ 48.7423, 49.5910,
36.0285

■ 52.5680, 54.2949,
46.3900

■ 56.8384, 59.3839,
58.4548

■ 61.5696, 64.8681,
72.2963

Harmonies

Analogous

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



42.6537, 28.8042, 10.2070



34.0593, 28.8042, 4.6844



25.1034, 28.8042, 3.8988

Triad

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



34.0593, 28.8042, 4.6844



13.9980, 28.8042, 38.5538



38.9663, 28.8042, 85.7270

Complementary

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



34.0593, 28.8042, 4.6844



17.1671, 15.3253, 62.3743

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.



29.7850, 28.8042, 106.0447



34.0593, 28.8042, 4.6844



16.2687, 28.8042, 70.8542

Square

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



34.0593, 28.8042, 4.6844



14.6700, 28.8042, 16.7435



21.6323, 28.8042, 99.5082



45.8766, 28.8042, 52.6879

Rectangle

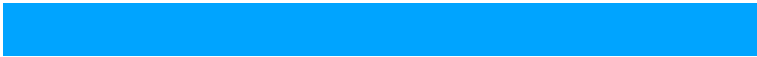
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.0593, 28.8042, 4.6844



20.2722, 28.8042, 5.3226



21.6323, 28.8042, 99.5082



35.9748, 28.8042, 94.8931

Sweetspot

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



34.0599, 28.8057, 4.6849



77.4411, 79.0177, 59.1439



29.3383, 15.3292, 15.5449



16.1512, 16.3821, 11.5379



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.



34.0599, 28.8057, 4.6849



50.8187, 40.4174, 5.1229



46.7417, 57.9225, 9.6366



12.3443, 12.8794, 12.4474



20.1532, 16.2393, 2.0723



1.2054, 1.0651, 0.1420

Inverse Universe

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



17.1671, 15.3253, 62.3743



24.0263, 19.1726, 97.0421



12.5227, 5.6425, 60.7501



11.5911, 12.2725, 15.0016



9.6119, 7.8704, 38.2050



0.6160, 0.5972, 2.1624

Previews

White Background



This preview shows how the XYZ color 34.0593, 28.8042, 4.6844 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 34.0593, 28.8042, 4.6844 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 34.0593, 28.8042, 4.6844

Background



This preview shows how black text looks on a background with the XYZ color 34.0593, 28.8042, 4.6844.



This preview shows how white text looks on a background with the XYZ color 34.0593, 28.8042,

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

34.0593, 28.8042, 4.6844

Protanopia

26.1851, 28.9605, 5.4381

Deuteranopia

29.3264, 28.8140, 4.4679



Tritanopia

38.0408, 28.7853, 23.6298

Trichromacy



Original Color

34.0593, 28.8042, 4.6844

Protanomaly

28.6437, 28.6638, 5.1216

Deuteranomaly

31.0297, 28.8443, 4.5482

Tritanomaly

35.8342, 28.4100, 13.2679

Monochromacy



Original Color

34.0593, 28.8042, 4.6844

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.3856, 26.2091, 15.2235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0593, 28.8042, 4.6844 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(209, 127, 25)` looks like.

```
.text, #text, p{  
    color:rgb(209, 127, 25)  
}
```

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(209, 127, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 127, 25) }
```

Border

The CSS property to change the border of an element to XYZ 34.0593, 28.8042, 4.6844 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(209, 127, 25) }
```


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

```
.border{ border-color:rgb(209, 127, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 127, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 127, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 127, 25);  
box-shadow:4px 4px 4px 4px rgb(209, 127,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0593, 28.8042, 4.6844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 127, 25) }
```

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

```
.background{ background-color: rgb(209,  
127, 25) }
```

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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