

Converting Colors

XYZ(34.2190, 25.7304, 3.9120)

Have a look what the booklet for
XYZ(34.2190, 25.7304, 3.9120)
contains.

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Color

**XYZ(34.2287, 25.7469,
3.9247)**

Conversions

Conversions Part 1

Format	Color
Hex	D96D16
RGB	217, 109, 22
RGB Percent	85%, 43%, 9%
CMY	0.1490, 0.5725, 0.9137
CMYK	0.00, 0.50, 0.90, 0.15
HSL	27°, 82%, 47%
HSV	27°, 90%, 85%
XYZ	34.2287, 25.7469, 3.9247
YIQ	131.3740, 92.2950, -4.1610

Conversions

Conversions Part 2

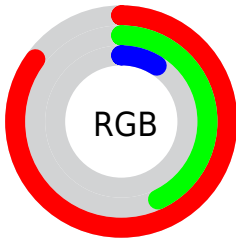
Format	Color
R_{YB}	217, 179, 22
Decimal	14249238
CIE _{Lab}	57.80, 37.64, 61.17
CIE _{LCh}	58, 71.824, 58.391
Yxy	25.7469, 0.5357, 0.4029
Android (android.graphics.Color)	4292439318 (0xFFD96D16)
YUV	131.3740, -53.9214, 75.0940
Hunter-Lab	50.7414, 31.6135, 30.9331

Details

The XYZ color **34.2287, 25.7469, 3.9247** 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 **20.8375, 21.1448, 68.6281**, and the grayscale version is **21.8722, 23.0113, 25.0593**.

A 20% lighter version of the original color is **55.4999, 47.6365, 13.2908**, and **15.0306, 9.9947, 1.1370** is the 20% darker color. If you saturate the color by 10%, you get **32.8904, 23.2996, 2.7725**, and if you desaturate by 10%, it is **35.9045, 28.6120, 5.9842**.

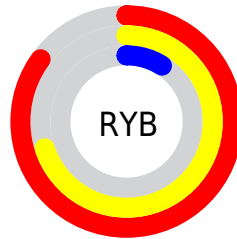
Distribution



Red (85%)

Green (43%)

Blue (9%)



Red (85%)

Yellow (70%)

Blue (9%)

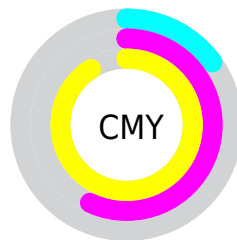


Cyan (0%)

Magenta (50%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (57%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2287, 25.7469, 3.9247 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 34.2287, 25.7469, 3.9247 by changing the saturation by 10% instead.

 34.2287, 25.7469,
3.9247


 34.2287, 25.7469,
3.9247


312.7186,
281.5374, 147.3847

 23.2331, 16.6344,
1.5841


 65.6311, 52.8664,
13.8357


 14.8873, 9.9742,
0.2795


 86.7686, 71.6421,
22.2432


 8.8262, 5.3818,
0.0000


 112.0174, 94.4077,
33.5102

 4.6842, 2.4730,
0.0000

 141.7428,
121.5475, 48.0550

 2.0960, 0.8631,
0.0000

 176.3103,
153.4460, 66.2964

 0.6870, 0.0000,
0.0000

 216.0852,

 0.0000, 0.0000,

190.4876, 88.6527

0.0000

261.4329,
233.0566, 115.5427

34.2287, 25.7469,
3.9247

34.2287, 25.7469,
3.9247

32.8904, 23.2996,
2.7725

35.9045, 28.6120,
5.9842

32.8731, 23.2678,
2.7585

37.9743, 31.9247,
9.2233

40.4743, 35.7108,
13.7989

43.4351, 39.9920,
19.8428

46.8841, 44.7887,
27.4711

■ 50.8464, 50.1195,
36.7877

■ 55.3449, 56.0023,
47.8880

■ 60.4011, 62.4536,
60.8599

■ 66.0352, 69.4895,
75.7856

Harmonies

Analogous

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



42.1434, 25.7469, 10.9770



34.2287, 25.7469, 3.9247



24.9400, 25.7469, 2.3191

Triad

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



34.2287, 25.7469, 3.9247



11.3599, 25.7469, 26.7222



33.2305, 25.7469, 93.9729

Complementary

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



34.2287, 25.7469, 3.9247



20.8375, 21.1448, 68.6281

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.



24.0092, 25.7469, 107.3062



34.2287, 25.7469, 3.9247



12.5935, 25.7469, 57.2094

Square

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



34.2287, 25.7469, 3.9247



12.8947, 25.7469, 9.7872



16.7710, 25.7469, 91.0192



41.4783, 25.7469, 61.0044

Rectangle

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



34.2287, 25.7469, 3.9247



19.6053, 25.7469, 2.8066



16.7710, 25.7469, 91.0192



30.0832, 25.7469, 101.5254

Sweetspot

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



34.2293, 25.7483, 3.9251



74.8981, 74.3699, 56.9453



33.1013, 17.0053, 23.5479



15.5769, 15.3174, 11.0882



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.



34.2293, 25.7483, 3.9251



47.2320, 33.2440, 3.9273



50.3526, 57.9950, 9.2996



13.5319, 14.0032, 13.7153



20.0018, 14.2892, 1.7039



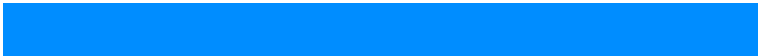
1.3809, 1.0959, 0.1388

Inverse Universe

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



20.8375, 21.1448, 68.6281



27.6080, 26.3360, 98.2360



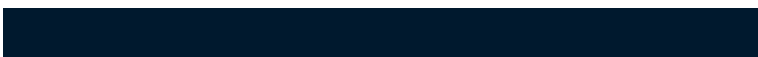
13.4564, 6.3827, 66.1678



12.9336, 13.8070, 16.6355



11.7675, 11.4043, 41.3194



0.8479, 0.9098, 2.7054

Previews

White Background



This preview shows how the XYZ color 34.2287, 25.7469, 3.9247 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 34.2287, 25.7469, 3.9247 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 34.2287, 25.7469, 3.9247

Background



This preview shows how black text looks on a background with the XYZ color 34.2287, 25.7469, 3.9247.



This preview shows how white text looks on a background with the XYZ color 34.2287, 25.7469,

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

34.2287, 25.7469, 3.9247

Protanopia

23.5171, 26.0180, 5.0108

Deuteranopia

26.1558, 25.7326, 3.5883



Tritanopia

37.0269, 25.8225, 17.5007

Trichromacy



Original Color

34.2287, 25.7469, 3.9247

Protanomaly

26.6385, 25.3634, 4.5285

Deuteranomaly

28.7373, 25.5092, 3.6389

Tritanomaly

35.6045, 25.6990, 10.1050

Monochromacy



Original Color

34.2287, 25.7469, 3.9247

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.8716, 22.6026, 13.0021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2287, 25.7469, 3.9247 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(217, 109, 22)` looks like.

```
.text, #text, p{  
    color:rgb(217, 109, 22)  
}
```

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(217, 109, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 109, 22) }
```

Border

The CSS property to change the border of an element to XYZ 34.2287, 25.7469, 3.9247 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(217, 109, 22) }
```


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

```
.border{ border-color:rgb(217, 109, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 109, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 109, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 109, 22);  
box-shadow:4px 4px 4px 4px rgb(217, 109,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2287, 25.7469, 3.9247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 109, 22) }
```

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

```
.background{ background-color: rgb(217,  
109, 22) }
```

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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