

Converting Colors

XYZ(34.7249, 25.5292, 11.8341)

Have a look what the booklet for
XYZ(34.7249, 25.5292, 11.8341)
contains.

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Color

**XYZ(34.6690, 25.4834,
11.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	D66B56
RGB	214, 107, 86
RGB Percent	84%, 42%, 34%
CMY	0.1608, 0.5804, 0.6627
CMYK	0.00, 0.50, 0.60, 0.16
HSL	10°, 61%, 59%
HSV	10°, 60%, 84%
XYZ	34.6690, 25.4834, 11.8956
YIQ	136.5990, 70.5130, 16.1530

Conversions

Conversions Part 2

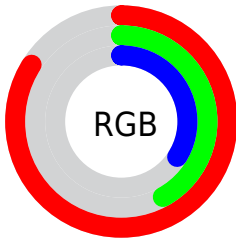
Format	Color
RYB	214, 111, 86
Decimal	14052182
CIELab	57.54, 40.25, 31.19
CIElCh	58, 50.921, 37.770
Yxy	25.4834, 0.4812, 0.3537
Android (android.graphics.Color)	4292242262 (0xFFD66B56)
YUV	136.5990, -24.9453, 67.8807
Hunter-Lab	50.4811, 34.2469, 21.3654

Details

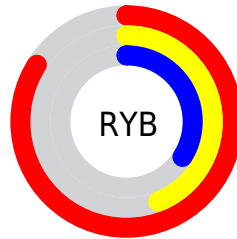
The XYZ color **34.6690, 25.4834, 11.8956** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.0441, 44.9708, 70.4514**, and the grayscale version is **23.6997, 24.9340, 27.1531**.

A 20% lighter version of the original color is **58.2547, 48.1792, 29.5217**, and **15.1236, 9.8516, 3.1119** is the 20% darker color. If you saturate the color by 10%, you get **32.2563, 21.8376, 7.4556**, and if you desaturate by 10%, it is **37.7267, 30.0067, 17.8242**.

Distribution



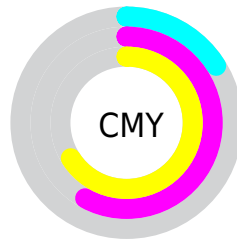
- Red (84%)
- Green (42%)
- Blue (34%)



- Red (84%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (16%)





- Cyan (16%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6690, 25.4834, 11.8956 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 34.6690, 25.4834, 11.8956 by changing the saturation by 10% instead.


 34.6690, 25.4834,
11.8956


 34.6690, 25.4834,
11.8956

314.6386,
280.2368, 214.6662


 23.5733, 16.4376,
6.5510


 66.3101, 52.4404,
29.9664

 15.1404, 9.8343,
3.1087


 87.5862, 71.1203,
43.5296


 9.0050, 5.2892,
1.1504


 112.9865, 93.7804,
60.6694

 4.8016, 2.4180,
0.0000

 142.8764,
120.8050, 81.8043

 2.1649, 0.8351,
0.0000

 177.6212,
152.5785, 107.3529

 0.7241, 0.0000,
0.0000

217.5863,

 0.0000, 0.0000,

189.4854, 137.7337

0.0000

263.1369,
231.9101, 173.3653

■ 34.6690, 25.4834,
11.8956

■ 34.6690, 25.4834,
11.8956

■ 32.2563, 21.8376,
7.4556

■ 37.7267, 30.0067,
17.8242

■ 30.4391, 19.0078,
4.3694

■ 41.4706, 35.4555,
25.3574

■ 29.1632, 16.9308,
2.4799

■ 45.9401, 41.8794,
34.6012

■ 28.3482, 15.5260,
1.5142

■ 51.1714, 49.3230,
45.6523

■ 28.3360, 15.5052,
1.4993

■ 57.1981, 57.8282,
58.5998

■ 64.0518, 67.4345,
73.5273

■ 71.7623, 78.1795,
90.5130

■ 80.0016, 89.9564,
107.7545

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



37.7246, 25.4834, 23.4686



34.6690, 25.4834, 11.8956



28.9109, 25.4834, 6.8809

Triad

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



34.6690, 25.4834, 11.8956



14.9435, 25.4834, 16.9244



25.8338, 25.4834, 75.7956

Complementary

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



34.6690, 25.4834, 11.8956



35.0441, 44.9708, 70.4514

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.



20.0682, 25.4834, 71.6192



34.6690, 25.4834, 11.8956



14.3992, 25.4834, 32.5163

Square

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



34.6690, 25.4834, 11.8956



17.7523, 25.4834, 8.8234



16.1166, 25.4834, 53.6708



32.0968, 25.4834, 63.4473

Rectangle

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



34.6690, 25.4834, 11.8956



24.6782, 25.4834, 5.9551



16.1166, 25.4834, 53.6708



23.7699, 25.4834, 76.3472

Sweetspot

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



34.6696, 25.4848, 11.8961



77.4793, 75.3049, 70.8382



40.8871, 24.8829, 54.1591



16.0564, 15.3713, 14.0382



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.



34.6696, 25.4848, 11.8961



47.0955, 31.1308, 9.5554



43.6365, 43.4185, 14.8850



12.5863, 12.7467, 12.9577



17.1781, 9.4734, 0.9232



1.0882, 0.6756, 0.0731

Inverse Universe

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



35.0441, 44.9708, 70.4514



47.5680, 62.3548, 104.1363



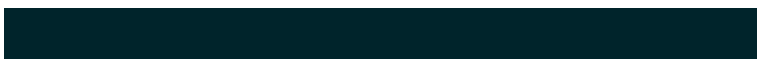
24.0649, 23.0126, 66.7917



12.6106, 13.7447, 15.9259



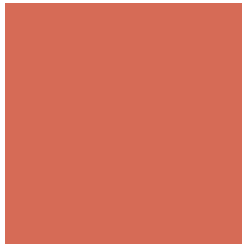
17.1307, 22.5231, 41.8977



1.0805, 1.4531, 2.5428

Previews

White Background



This preview shows how the XYZ color 34.6690, 25.4834, 11.8956 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 34.6690, 25.4834, 11.8956 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 34.6690, 25.4834, 11.8956

Background



This preview shows how black text looks on a background with the XYZ color 34.6690, 25.4834, 11.8956.



This preview shows how white text looks on a background with the XYZ color 34.6690, 25.4834,

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

34.6690, 25.4834, 11.8956

Protanopia

23.8792, 25.7557, 15.5172

Deuteranopia

26.0987, 25.5316, 11.3371



Tritanopia

36.1385, 25.6473, 18.0846

Trichromacy



Original Color

34.6690, 25.4834, 11.8956

Protanomaly

26.8433, 24.8711, 13.9755

Deuteranomaly

28.6519, 25.1047, 11.5192

Tritanomaly

35.4742, 25.5095, 15.6245

Monochromacy



Original Color

34.6690, 25.4834, 11.8956

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.2479, 24.2290, 20.4328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6690, 25.4834, 11.8956 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(214, 107, 86)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 86)  
}
```

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(214, 107, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 107, 86) }
```

Border

The CSS property to change the border of an element to XYZ 34.6690, 25.4834, 11.8956 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(214, 107, 86) }
```


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

```
.border{ border-color:rgb(214, 107, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 107, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 107, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 107, 86);  
box-shadow:4px 4px 4px 4px rgb(214, 107,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6690, 25.4834, 11.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 107, 86) }
```

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

```
.background{ background-color: rgb(214,  
107, 86) }
```

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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