

Converting Colors

XYZ(34.4898, 26.2333, 8.1353)

Have a look what the booklet for
XYZ(34.4898, 26.2333, 8.1353)
contains.

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Color

**XYZ(34.4511, 26.2546,
8.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	D67040
RGB	214, 112, 64
RGB Percent	84%, 44%, 25%
CMY	0.1608, 0.5608, 0.7490
CMYK	0.00, 0.48, 0.70, 0.16
HSL	19°, 65%, 55%
HSV	19°, 70%, 84%
XYZ	34.4511, 26.2546, 8.1024
YIQ	137.0260, 76.2000, 6.6960

Conversions

Conversions Part 2

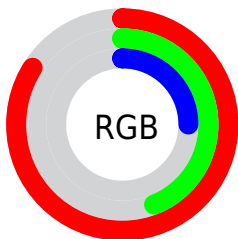
Format	Color
RYB	214, 135, 64
Decimal	14053440
CIELab	58.28, 36.34, 43.94
CIELCh	58, 57.019, 50.413
Yxy	26.2546, 0.5007, 0.3816
Android (android.graphics.Color)	4292243520 (0xFFD67040)
YUV	137.0260, -36.0018, 67.5062
Hunter-Lab	51.2392, 30.3472, 26.4920

Details

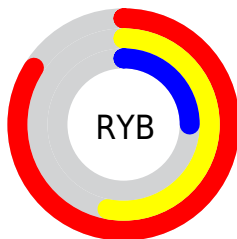
The XYZ color **34.4511, 26.2546, 8.1024** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **27.8872, 33.2155, 68.5593**, and the grayscale version is **23.9001, 25.1448, 27.3826**.

A 20% lighter version of the original color is **57.7324, 49.3852, 22.4091**, and **14.8991, 10.1472, 1.6635** is the 20% darker color. If you saturate the color by 10%, you get **32.4770, 23.1013, 4.9947**, and if you desaturate by 10%, it is **36.9194, 30.0231, 12.5274**.

Distribution



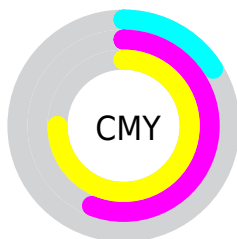
- Red (84%)
- Green (44%)
- Blue (25%)



- Red (84%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4511, 26.2546, 8.1024 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 34.4511, 26.2546, 8.1024 by changing the saturation by 10% instead.


 34.4511, 26.2546,
8.1024


 34.4511, 26.2546,
8.1024


313.6895,
284.0297, 186.4975

 23.4049, 17.0142,
4.0718


 65.9742, 53.6854,
22.7084


 15.0151, 10.2446,
1.6648


 87.1818, 72.6446,
34.1210


 8.9164, 5.5614,
0.3365


 112.5072, 95.6122,
48.8312

 4.7433, 2.5803,
0.0000

 142.3159,
122.9725, 67.2578

 2.1307, 0.9168,
0.0000

 176.9731,
155.1101, 89.8191

 0.7058, 0.0000,
0.0000

 216.8441,

 0.0000, 0.0000,

192.4092, 116.9338

0.0000

262.2945,
235.2542, 149.0204

■ 34.4511, 26.2546,
8.1024

■ 34.4511, 26.2546,
8.1024

■ 32.4770, 23.1013,
4.9947

■ 36.9194, 30.0231,
12.5274

■ 30.9545, 20.5228,
3.0491

■ 39.9157, 34.4353,
18.3981

■ 29.8281, 18.4895,
1.9967

■ 43.4724, 39.5228,
25.8291

■ 47.6187, 45.3139,
34.9229

■ 52.3814, 51.8349,
45.7731

■ 57.7859, 59.1109,
58.4665

■ 63.8559, 67.1656,
73.0840

■ 70.6138, 76.0217,
89.7017

■ 77.8220, 85.5974,
107.0280

Harmonies

Analogous

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



39.6512, 26.2546, 17.2300



34.4511, 26.2546, 8.1024



27.2412, 26.2546, 5.0468

Triad

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



34.4511, 26.2546, 8.1024



13.9813, 26.2546, 22.6875



29.8993, 26.2546, 81.3821

Complementary

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



34.4511, 26.2546, 8.1024



27.8872, 33.2155, 68.5593

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.



22.7990, 26.2546, 85.1852



34.4511, 26.2546, 8.1024



14.4284, 26.2546, 44.0799

Square

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



34.4511, 26.2546, 8.1024



16.0250, 26.2546, 10.5052



17.3858, 26.2546, 69.2652



36.7039, 26.2546, 60.4759

Rectangle

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



34.4511, 26.2546, 8.1024



22.6212, 26.2546, 5.0769



17.3858, 26.2546, 69.2652



27.4424, 26.2546, 84.9873

Sweetspot

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



34.4517, 26.2560, 8.1029



77.0598, 75.9466, 66.1340



36.4938, 20.7346, 38.3961



16.0573, 15.6604, 13.1525



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.



34.4517, 26.2560, 8.1029



47.1430, 32.4312, 5.8547



46.3212, 49.9950, 12.0594



12.7445, 13.0631, 13.0104



18.1129, 11.3430, 1.2348



1.1663, 0.8319, 0.0991

Inverse Universe

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



27.8872, 33.2155, 68.5593



36.6099, 42.9942, 100.9769



18.0361, 13.5132, 65.2756



12.4415, 13.4065, 15.8695



13.6016, 15.4650, 40.7213



0.8936, 1.0793, 2.4805

Previews

White Background



This preview shows how the XYZ color 34.4511, 26.2546, 8.1024 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 34.4511, 26.2546, 8.1024 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 34.4511, 26.2546, 8.1024

Background



This preview shows how black text looks on a background with the XYZ color 34.4511, 26.2546, 8.1024.



This preview shows how white text looks on a background with the XYZ color 34.4511, 26.2546,

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

34.4511, 26.2546, 8.1024

Protanopia

24.2450, 26.4994, 10.1404

Deuteranopia

26.9937, 26.4799, 7.8261



Tritanopia

36.8066, 26.2747, 19.0512

Trichromacy



Original Color

34.4511, 26.2546, 8.1024

Protanomaly

26.9926, 25.6376, 9.3202

Deuteranomaly

29.2894, 26.0774, 7.9046

Tritanomaly

35.7928, 26.1686, 14.2309

Monochromacy



Original Color

34.4511, 26.2546, 8.1024

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.0507, 24.5635, 18.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4511, 26.2546, 8.1024 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, 112, 64)` looks like.

```
.text, #text, p{  
    color:rgb(214, 112, 64)  
}
```

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, 112, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 112, 64) }
```

Border

The CSS property to change the border of an element to XYZ 34.4511, 26.2546, 8.1024 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, 112, 64) }
```


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

```
.border{ border-color:rgb(214, 112, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 112, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 112, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 112, 64);  
box-shadow:4px 4px 4px 4px rgb(214, 112,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4511, 26.2546, 8.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 112, 64) }
```

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

```
.background{ background-color: rgb(214,  
112, 64) }
```

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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