

Converting Colors

XYZ(34.8596, 24.7559, 7.7316)

Have a look what the booklet for
XYZ(34.8596, 24.7559, 7.7316)
contains.

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Color

**XYZ(34.7925, 24.7376,
7.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6540
RGB	219, 101, 64
RGB Percent	86%, 40%, 25%
CMY	0.1412, 0.6039, 0.7490
CMYK	0.00, 0.54, 0.71, 0.14
HSL	14°, 68%, 55%
HSV	14°, 71%, 86%
XYZ	34.7925, 24.7376, 7.7916
YIQ	132.0640, 82.2050, 13.5090

Conversions

Conversions Part 2

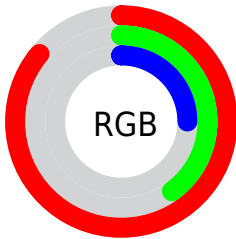
Format	Color
R _Y B	219, 113, 64
Decimal	14378304
CIE Lab	56.82, 43.80, 42.52
CIE LCh	57, 61.040, 44.149
Yxy	24.7376, 0.5168, 0.3675
Android (android.graphics.Color)	4292568384 (0xFFDB6540)
YUV	132.0640, -33.5556, 76.2429
Hunter-Lab	49.7369, 37.8267, 25.5277

Details

The XYZ color **34.7925, 24.7376, 7.7916** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **31.6271, 39.6576, 73.0051**, and the grayscale version is **22.0526, 23.2010, 25.2659**.

A 20% lighter version of the original color is **55.9420, 45.8949, 21.5329**, and **15.3000, 9.5062, 1.5588** is the 20% darker color. If you saturate the color by 10%, you get **32.8294, 21.6208, 4.6430**, and if you desaturate by 10%, it is **37.3296, 28.6116, 12.3384**.

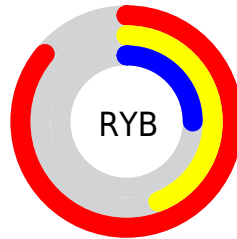
Distribution



Red (86%)

Green (40%)

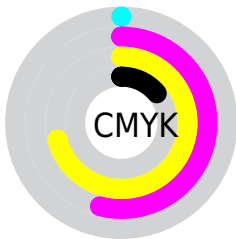
Blue (25%)



Red (86%)

Yellow (44%)

Blue (25%)

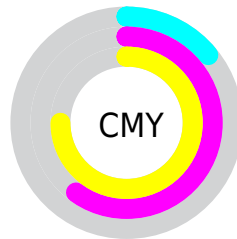


Cyan (0%)

Magenta (54%)

Yellow (71%)

Black (14%)



Cyan (14%)


Magenta (60%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7925, 24.7376, 7.7916 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 34.7925, 24.7376, 7.7916 by changing the saturation by 10% instead.


 34.7925, 24.7376,
7.7916


 34.7925, 24.7376,
7.7916


315.1756,
276.5286, 183.9613


 23.6688, 15.8817,
3.8760


 66.5003, 51.2312,
22.0883


 15.2116, 9.4405,
1.5576


 87.8152, 69.6377,
33.3064

 9.0553, 5.0296,
0.2603


 113.2579, 91.9965,
47.7959

 4.8347, 2.2646,
0.0000

 143.1937,
118.6919, 65.9752

 2.1843, 0.7549,
0.0000

 177.9881,
150.1085, 88.2628

 0.7345, 0.0000,
0.0000

 218.0062,

 0.0000, 0.0000,

186.6305, 115.0774

0.0000

263.6136,
228.6424, 146.8373

■ 34.7925, 24.7376,
7.7916

■ 34.7925, 24.7376,
7.7916

■ 32.8294, 21.6208,
4.6430

■ 37.3296, 28.6116,
12.3384

■ 31.3882, 19.2050,
2.7239


■ 40.4830, 33.2856,
18.4231


■ 30.4540, 17.5416,
1.7808


■ 44.2925, 38.8037,
26.1695

■ 48.7940, 45.2058,
35.6887

■ 54.0208, 52.5289,
47.0818

 60.0038, 60.8080,
60.4424

 66.7721, 70.0761,
75.8579

 74.3534, 80.3648,
93.4102

 81.7757, 91.3050,
107.9213

Harmonies

Analogous

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



39.4798, 24.7376, 18.4277



34.7925, 24.7376, 7.7916



27.4616, 24.7376, 4.0625

Triad

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



34.7925, 24.7376, 7.7916



12.6311, 24.7376, 17.5665



27.0275, 24.7376, 85.8108

Complementary

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



34.7925, 24.7376, 7.7916



31.6271, 39.6576, 73.0051

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.



19.9611, 24.7376, 85.1586



34.7925, 24.7376, 7.7916



12.5615, 24.7376, 37.7250

Square

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



34.7925, 24.7376, 7.7916



15.1934, 24.7376, 7.4363



14.9791, 24.7376, 64.6117



34.4198, 24.7376, 66.1014

Rectangle

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



34.7925, 24.7376, 7.7916



22.5337, 24.7376, 3.6810



14.9791, 24.7376, 64.6117



24.5189, 24.7376, 88.1900

Sweetspot

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



34.7931, 24.7390, 7.7920



75.9418, 73.7105, 65.7613



39.5766, 22.1389, 46.8961



15.7948, 15.1355, 13.0650



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.



34.7931, 24.7390, 7.7920



45.2500, 28.7138, 5.0123



45.9928, 47.1384, 11.5253



13.3072, 13.5537, 13.6403



18.1290, 10.5436, 1.0796



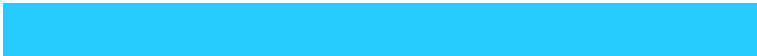
1.2414, 0.8169, 0.0923

Inverse Universe

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



31.6271, 39.6576, 73.0051



40.2737, 50.4672, 102.2262



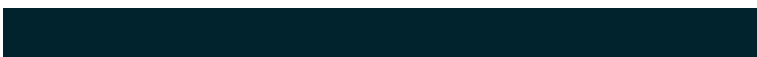
19.9862, 16.3759, 69.1248



13.1677, 14.2752, 16.7135



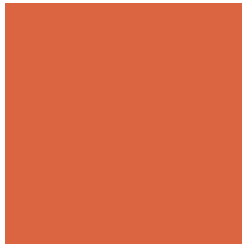
15.8329, 19.5353, 42.6746



1.0905, 1.3951, 2.7862

Previews

White Background



This preview shows how the XYZ color 34.7925, 24.7376, 7.7916 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 34.7925, 24.7376, 7.7916 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 34.7925, 24.7376, 7.7916

Background



This preview shows how black text looks on a background with the XYZ color 34.7925, 24.7376, 7.7916.



This preview shows how white text looks on a background with the XYZ color 34.7925, 24.7376,

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

34.7925, 24.7376, 7.7916

Protanopia

22.8278, 24.8972, 10.4400

Deuteranopia

25.2987, 24.8067, 7.3257



Tritanopia

36.4498, 24.7172, 15.6817

Trichromacy



Original Color

34.7925, 24.7376, 7.7916

Protanomaly

26.0565, 23.9971, 9.3895

Deuteranomaly

28.1515, 24.2113, 7.4645

Tritanomaly

35.6861, 24.6723, 12.3326

Monochromacy



Original Color

34.7925, 24.7376, 7.7916

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.8011, 22.6288, 16.9706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7925, 24.7376, 7.7916 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(219, 101, 64)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 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(219, 101, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 64) }
```

Border

The CSS property to change the border of an element to XYZ 34.7925, 24.7376, 7.7916 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(219, 101, 64) }
```


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

```
.border{ border-color:rgb(219, 101, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 101, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 64);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7925, 24.7376, 7.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 64) }
```

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

```
.background{ background-color: rgb(219,  
101, 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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