

Converting Colors

XYZ(35.3181, 26.7004, 4.9501)

Have a look what the booklet for
XYZ(35.3181, 26.7004, 4.9501)
contains.

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Color

**XYZ(35.3260, 26.7758,
4.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7024
RGB	219, 112, 36
RGB Percent	86%, 44%, 14%
CMY	0.1412, 0.5608, 0.8588
CMYK	0.00, 0.49, 0.84, 0.14
HSL	25°, 72%, 50%
HSV	25°, 84%, 86%
XYZ	35.3260, 26.7758, 4.9754
YIQ	135.3290, 88.1680, -0.9520

Conversions

Conversions Part 2

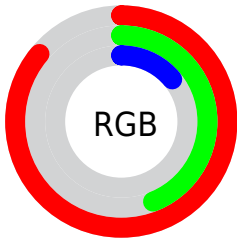
Format	Color
R _Y B	219, 166, 36
Decimal	14381092
CIE Lab	58.77, 37.22, 57.41
CIE LCh	59, 68.417, 57.039
Yxy	26.7758, 0.5266, 0.3992
Android (android.graphics.Color)	4292571172 (0xFFDB7024)
YUV	135.3290, -48.9692, 73.3795
Hunter-Lab	51.7453, 31.3057, 30.5209

Details

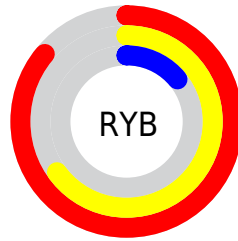
The XYZ color **35.3260, 26.7758, 4.9754** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.3353, 25.1327, 70.6384**, and the grayscale version is **23.3058, 24.5195, 26.7018**.

A 20% lighter version of the original color is **56.4566, 48.8748, 15.6907**, and **15.5734, 10.5056, 1.2070** is the 20% darker color. If you saturate the color by 10%, you get **33.7742, 24.0541, 3.2819**, and if you desaturate by 10%, it is **37.2841, 29.9839, 7.8123**.

Distribution



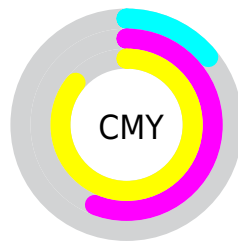
- Red (86%)
- Green (44%)
- Blue (14%)



- Red (86%)
- Yellow (65%)
- Blue (14%)



- Cyan (0%)
- Magenta (49%)
- Yellow (84%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3260, 26.7758, 4.9754 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 35.3260, 26.7758, 4.9754 by changing the saturation by 10% instead.


 35.3260, 26.7758,
4.9754


 35.3260, 26.7758,
4.9754


317.4878,
286.5699, 158.5180


 24.0818, 17.4049,
2.1743


 67.3212, 54.5239,
16.2033

 15.5194, 10.5236,
0.6595


 88.8029, 73.6699,
25.4672

 9.2734, 5.7475,
0.0000


 114.4278, 96.8430,
37.7224

 4.9785, 2.6921,
0.0000

 144.5612,
124.4277, 53.3876

 2.2693, 0.9732,
0.0000

 179.5686,
156.8084, 72.8812

 0.7789, 0.0000,
0.0000

 219.8153,

 0.0000, 0.0000,

194.3694, 96.6218

0.0000

265.6665,
237.4951, 125.0279

■ 35.3260, 26.7758,
4.9754

■ 35.3260, 26.7758,
4.9754

■ 33.7742, 24.0541,
3.2819

■ 37.2841, 29.9839,
7.8123

■ 32.9506, 22.5349,
2.6130

■ 39.6872, 33.7030,
11.9647

■ 42.5701, 37.9602,
17.5764

■ 45.9631, 42.7790,
24.7717

■ 49.8936, 48.1814,
33.6617

■ 54.3869, 54.1878,
44.3471

■ 59.4665, 60.8177,
56.9208

■ 65.1545, 68.0895,
71.4692

■ 71.4716, 76.0209,
88.0734

Harmonies

Analogous

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



42.7887, 26.7758, 12.7335



35.3260, 26.7758, 4.9754



26.2960, 26.7758, 3.0261

Triad

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



35.3260, 26.7758, 4.9754



12.4518, 26.7758, 26.8218



33.5522, 26.7758, 93.1270

Complementary

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



35.3260, 26.7758, 4.9754



23.3353, 25.1327, 70.6384

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.



24.6215, 26.7758, 104.4264



35.3260, 26.7758, 4.9754



13.5704, 26.7758, 55.7585

Square

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



35.3260, 26.7758, 4.9754



14.1284, 26.7758, 10.4894



17.6104, 26.7758, 88.0228



41.6158, 26.7758, 62.4050

Rectangle

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



35.3260, 26.7758, 4.9754



20.9893, 26.7758, 3.4838



17.6104, 26.7758, 88.0228



30.5008, 26.7758, 99.8691

Sweetspot

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



35.3266, 26.7773, 4.9759



75.6723, 75.0342, 59.9293



35.0169, 18.3909, 28.8170



15.7062, 15.4070, 11.6524



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.



35.3266, 26.7773, 4.9759



46.3848, 31.5496, 3.6449



50.3483, 56.8206, 9.9831



13.4981, 13.9356, 13.7040



19.6408, 13.5671, 1.5835



1.3562, 1.0464, 0.1305

Inverse Universe

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



23.3353, 25.1327, 70.6384



28.8116, 28.7433, 98.6372



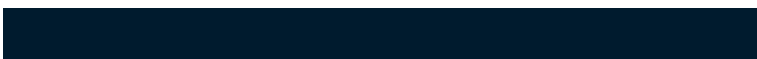
14.8470, 8.1561, 67.8090



12.9680, 13.8758, 16.6469



12.2724, 12.4142, 41.4878



0.8794, 0.9728, 2.7159

Previews

White Background



This preview shows how the XYZ color 35.3260, 26.7758, 4.9754 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 35.3260, 26.7758, 4.9754 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 35.3260, 26.7758, 4.9754

Background



This preview shows how black text looks on a background with the XYZ color 35.3260, 26.7758, 4.9754.



This preview shows how white text looks on a background with the XYZ color 35.3260, 26.7758,

4.9754.

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

35.3260, 26.7758, 4.9754

Protanopia

24.4257, 26.8988, 6.2875

Deuteranopia

27.4298, 26.9818, 4.6820



Tritanopia

38.1004, 26.8026, 18.4945

Trichromacy



Original Color

35.3260, 26.7758, 4.9754

Protanomaly

27.5726, 26.2165, 5.7049

Deuteranomaly

30.0593, 26.7368, 4.7388

Tritanomaly

36.7816, 26.7374, 11.6097

Monochromacy



Original Color

35.3260, 26.7758, 4.9754

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.5674, 24.1866, 15.1253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3260, 26.7758, 4.9754 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, 112, 36)` looks like.

```
.text, #text, p{  
    color:rgb(219, 112, 36)  
}
```

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, 112, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 112, 36) }
```

Border

The CSS property to change the border of an element to XYZ 35.3260, 26.7758, 4.9754 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, 112, 36) }
```


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

```
.border{ border-color:rgb(219, 112, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 112, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 112, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 112, 36);  
box-shadow:4px 4px 4px 4px rgb(219, 112,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3260, 26.7758, 4.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 112, 36) }
```

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

```
.background{ background-color: rgb(219,  
112, 36) }
```

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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