

Converting Colors

XYZ(35.1930, 27.3339, 6.6284)

Have a look what the booklet for
XYZ(35.1930, 27.3339, 6.6284)
contains.

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Color

**XYZ(35.1841, 27.3376,
6.6711)**

Conversions

Conversions Part 1

Format	Color
Hex	D87434
RGB	216, 116, 52
RGB Percent	85%, 45%, 20%
CMY	0.1529, 0.5451, 0.7961
CMYK	0.00, 0.46, 0.76, 0.15
HSL	23°, 68%, 53%
HSV	23°, 76%, 85%
XYZ	35.1841, 27.3376, 6.6711
YIQ	138.6040, 80.1440, 1.2960

Conversions

Conversions Part 2

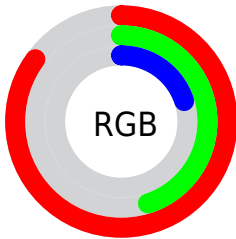
Format	Color
R_{YB}	216, 157, 52
Decimal	14185524
CIE Lab	59.29, 34.50, 50.96
CIE LCh	59, 61.539, 55.898
Yxy	27.3376, 0.5085, 0.3951
Android (android.graphics.Color)	4292375604 (0xFFD87434)
YUV	138.6040, -42.6958, 67.8763
Hunter-Lab	52.2854, 28.6176, 29.0349

Details

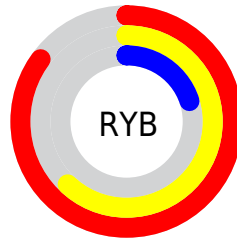
The XYZ color **35.1841, 27.3376, 6.6711** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.0383, 28.1427, 69.0777**, and the grayscale version is **24.5264, 25.8037, 28.1002**.

A 20% lighter version of the original color is **57.8262, 50.5952, 19.2885**, and **15.4658, 10.8650, 1.2820** is the 20% darker color. If you saturate the color by 10%, you get **33.3922, 24.3626, 4.1979**, and if you desaturate by 10%, it is **37.4149, 30.8349, 10.3882**.

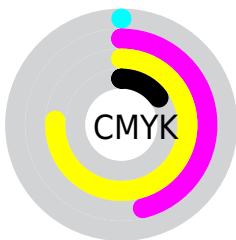
Distribution



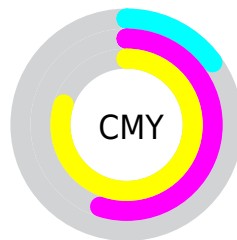
- Red (85%)
- Green (45%)
- Blue (20%)



- Red (85%)
- Yellow (62%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (76%)
- Black (15%)





- Cyan (15%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1841, 27.3376, 6.6711 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 35.1841, 27.3376, 6.6711 by changing the saturation by 10% instead.


 35.1841, 27.3376,
6.6711


 35.1841, 27.3376,
6.6711


316.8740,
289.2880, 174.4280


 23.9719, 17.8269,
3.1820


 67.1030, 55.4251,
19.8099


 15.4374, 10.8258,
1.1883


 88.5404, 74.7708,
30.2967

 9.2152, 5.9498,
0.0000


 114.1170, 98.1636,
43.9530

 4.9401, 2.8146,
0.0000

 144.1980,
125.9879, 61.1975

 2.2465, 1.0357,
0.0000

 179.1489,
158.6280, 82.4488

 0.7671, 0.0000,
0.0000

 219.3349,

 0.0000, 0.0000,

196.4685, 108.1252

0.0000

265.1215,
239.8937, 138.6455

■ 35.1841, 27.3376,
6.6711

■ 35.1841, 27.3376,
6.6711

■ 33.3922, 24.3626,
4.1979

■ 37.4149, 30.8349,
10.3882

■ 31.9950, 21.8743,
2.7886

■ 40.1181, 34.8780,
15.4923

■ 31.5123, 20.9861,
2.3898

■ 43.3254, 39.4935,
22.1081

■ 47.0650, 44.7048,
30.3458

■ 51.3625, 50.5340,
40.3054

■ 56.2421, 57.0018,
52.0786

■ 61.7260, 64.1277,
65.7505

■ 67.8355, 71.9307,
81.4010

■ 74.5906, 80.4287,
99.1051

Harmonies

Analogous

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



41.6791, 27.3376, 14.8394



35.1841, 27.3376, 6.6711



27.0554, 27.3376, 4.3595

Triad

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



35.1841, 27.3376, 6.6711



13.8520, 27.3376, 26.8393



32.9898, 27.3376, 86.4020

Complementary

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



35.1841, 27.3376, 6.6711



25.0383, 28.1427, 69.0777

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.



24.9405, 27.3376, 95.1104



35.1841, 27.3376, 6.6711



14.8251, 27.3376, 52.3507

Square

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



35.1841, 27.3376, 6.6711



15.5645, 27.3376, 11.7799



18.5455, 27.3376, 80.3853



40.2469, 27.3376, 60.3709

Rectangle

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



35.1841, 27.3376, 6.6711



22.1409, 27.3376, 4.7929



18.5455, 27.3376, 80.3853



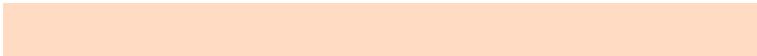
30.2470, 27.3376, 91.8701

Sweetspot

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



35.1847, 27.3391, 6.6716



76.6378, 76.0497, 63.0735



35.3076, 19.3593, 32.0707



15.8766, 15.5728, 12.2485



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.



35.1847, 27.3391, 6.6716



47.3568, 33.2469, 4.7293



48.8745, 54.7186, 11.2348



12.8168, 13.2078, 13.0345



18.7500, 12.6173, 1.4472



1.2102, 0.9196, 0.1137

Inverse Universe

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



25.0383, 28.1427, 69.0777



31.7558, 34.1088, 99.5177



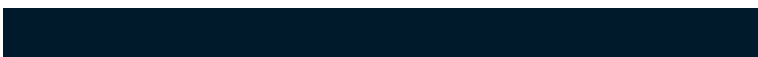
16.0727, 10.2116, 66.0892



12.3664, 13.2563, 15.8445



12.3039, 12.8697, 40.2888



0.8215, 0.9350, 2.4565

Previews

White Background



This preview shows how the XYZ color 35.1841, 27.3376, 6.6711 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 35.1841, 27.3376, 6.6711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

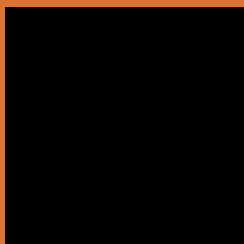
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1841, 27.3376, 6.6711

Background



This preview shows how black text looks on a background with the XYZ color 35.1841, 27.3376, 6.6711.



This preview shows how white text looks on a background with the XYZ color 35.1841, 27.3376,

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

35.1841, 27.3376, 6.6711

Protanopia

24.9361, 27.3421, 8.2382

Deuteranopia

27.8877, 27.3893, 6.4016



Tritanopia

37.8929, 27.2817, 20.0983

Trichromacy



Original Color

35.1841, 27.3376, 6.6711

Protanomaly

27.9484, 26.7738, 7.5657

Deuteranomaly

30.1220, 27.1204, 6.4435

Tritanomaly

36.6834, 27.2841, 13.6889

Monochromacy



Original Color

35.1841, 27.3376, 6.6711

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.7065, 25.5096, 17.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1841, 27.3376, 6.6711 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(216, 116, 52)` looks like.

```
.text, #text, p{  
    color:rgb(216, 116, 52)  
}
```

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(216, 116, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 116, 52) }
```

Border

The CSS property to change the border of an element to XYZ 35.1841, 27.3376, 6.6711 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(216, 116, 52) }
```


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

```
.border{ border-color:rgb(216, 116, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 116, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 116, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 116, 52);  
box-shadow:4px 4px 4px 4px rgb(216, 116,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1841, 27.3376, 6.6711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 116, 52) }
```

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

```
.background{ background-color: rgb(216,  
116, 52) }
```

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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