

Converting Colors

XYZ(35.7192, 30.4962, 6.3041)

Have a look what the booklet for
XYZ(35.7192, 30.4962, 6.3041)
contains.

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Color

**XYZ(35.7037, 30.4041,
6.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	D4832B
RGB	212, 131, 43
RGB Percent	83%, 51%, 17%
CMY	0.1686, 0.4862, 0.8314
CMYK	0.00, 0.38, 0.80, 0.17
HSL	31°, 66%, 50%
HSV	31°, 80%, 83%
XYZ	35.7037, 30.4041, 6.2723
YIQ	145.1870, 76.5240, -10.1960

Conversions

Conversions Part 2

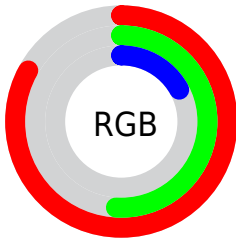
Format	Color
R _Y B	199, 212, 43
Decimal	13927211
CIE Lab	62.00, 24.56, 57.24
CIE LCh	62, 62.288, 66.782
Yxy	30.4041, 0.4933, 0.4201
Android (android.graphics.Color)	4292117291 (0xFFD4832B)
YUV	145.1870, -50.3782, 58.5950
Hunter-Lab	55.1399, 19.0859, 31.8536

Details

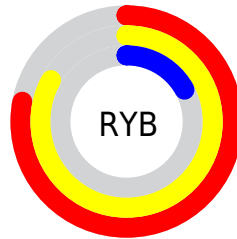
The XYZ color **35.7037, 30.4041, 6.2723** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **20.0871, 19.6813, 65.0269**, and the grayscale version is **27.1674, 28.5822, 31.1260**.

A 20% lighter version of the original color is **60.4460, 56.3672, 18.5206**, and **15.8913, 12.5603, 1.5868** is the 20% darker color. If you saturate the color by 10%, you get **34.1127, 27.6915, 4.2962**, and if you desaturate by 10%, it is **37.6318, 33.4683, 9.3575**.

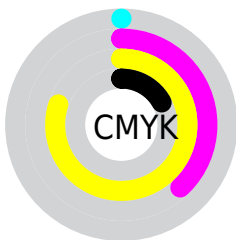
Distribution



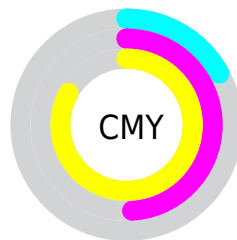
- Red (83%)
- Green (51%)
- Blue (17%)



- Red (78%)
- Yellow (83%)
- Blue (17%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (17%)





- Cyan (17%)
- Magenta (49%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7037, 30.4041, 6.2723 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 35.7037, 30.4041, 6.2723 by changing the saturation by 10% instead.


 35.7037, 30.4041,
6.2723


 35.7037, 30.4041,
6.2723


319.1175,
303.7835, 170.8669


 24.3745, 20.1455,
2.9399


 67.9014, 60.3007,
18.9809

 15.7379, 12.5009,
1.0640


 89.5005, 80.7074,
29.1941

 9.4285, 7.0858,
0.0000


 115.2537,
105.2657, 42.5380

 5.0811, 3.5158,
0.0000

 145.5263,
134.3599, 59.4312

 2.3302, 1.4066,
0.0000

 180.6836,
168.3743, 80.2921

 0.8100, 0.2216,
0.0000

 221.0910,

 0.0000, 0.0000,

207.6935, 105.5393

0.0000

267.1138,
252.7018, 135.5914

■ 35.7037, 30.4041,
6.2723

■ 35.7037, 30.4041,
6.2723

■ 34.1127, 27.6915,
4.2962

■ 37.6318, 33.4683,
9.3575

■ 32.8047, 25.2987,
3.1715


■ 39.9262, 36.8978,
13.6961


■ 32.7700, 25.2346,
3.1436


■ 42.6143, 40.7104,
19.4125


■ 45.7199, 44.9212,
26.6150

■ 49.2647, 49.5441,
35.4013

 53.2686, 54.5920,
45.8605

 57.7500, 60.0774,
58.0751

 62.7265, 66.0121,
72.1221

 68.2146, 72.4072,
88.0738

Harmonies

Analogous

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



43.7651, 30.4041, 12.4945



35.7037, 30.4041, 6.2723



27.0426, 30.4041, 5.2152

Triad

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



35.7037, 30.4041, 6.2723



15.7034, 30.4041, 38.8396



39.6216, 30.4041, 85.3018

Complementary

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



35.7037, 30.4041, 6.2723



20.0871, 19.6813, 65.0269

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.



30.8368, 30.4041, 103.0093



35.7037, 30.4041, 6.2723



17.8487, 30.4041, 68.9920

Square

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



35.7037, 30.4041, 6.2723



16.5081, 30.4041, 18.0806



23.0176, 30.4041, 95.9244



46.3145, 30.4041, 54.7513

Rectangle

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



35.7037, 30.4041, 6.2723



22.2483, 30.4041, 6.6797



23.0176, 30.4041, 95.9244



36.7564, 30.4041, 93.4877

Sweetspot

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



35.7044, 30.4057, 6.2729



78.0617, 79.3591, 62.1248



31.6967, 17.1975, 20.9454



16.2471, 16.4020, 12.1000



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.



35.7044, 30.4057, 6.2729



50.3382, 39.3669, 5.2384



50.3255, 60.8429, 11.3772



12.9529, 13.4800, 13.0799



20.3317, 15.7806, 1.9744



1.3090, 1.1172, 0.1466

Inverse Universe

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



20.0871, 19.6813, 65.0269



25.8347, 22.5999, 97.6083



13.8662, 7.0581, 62.9183



12.2287, 12.9809, 15.7986



10.3447, 8.9512, 39.6357



0.7066, 0.7051, 2.4182

Previews

White Background



This preview shows how the XYZ color 35.7037, 30.4041, 6.2723 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 35.7037, 30.4041, 6.2723 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 ✓ Pass

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

XYZ 35.7037, 30.4041, 6.2723

Background



This preview shows how black text looks on a background with the XYZ color 35.7037, 30.4041, 6.2723.



This preview shows how white text looks on a background with the XYZ color 35.7037, 30.4041,

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

35.7037, 30.4041, 6.2723

Protanopia

27.7486, 30.6714, 7.2540

Deuteranopia

31.1586, 30.6037, 6.0986



Tritanopia

39.6715, 30.3095, 25.2321

Trichromacy



Original Color

35.7037, 30.4041, 6.2723

Protanomaly

30.2336, 30.3341, 6.8464

Deuteranomaly

32.6416, 30.4888, 6.1720

Tritanomaly

37.6101, 30.0152, 15.6156

Monochromacy



Original Color

35.7037, 30.4041, 6.2723

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.4470, 28.2739, 18.1454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7037, 30.4041, 6.2723 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(212, 131, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 131, 43)  
}
```

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(212, 131, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 131, 43) }
```

Border

The CSS property to change the border of an element to XYZ 35.7037, 30.4041, 6.2723 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(212, 131, 43) }
```


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

```
.border{ border-color:rgb(212, 131, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 131, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 131, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 131, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 131,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7037, 30.4041, 6.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 131, 43) }
```

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

```
.background{ background-color: rgb(212,  
131, 43) }
```

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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