

Converting Colors

XYZ(35.2959, 27.0909, 3.3688)

Have a look what the booklet for
XYZ(35.2959, 27.0909, 3.3688)
contains.

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Color

**XYZ(35.2307, 27.0947,
3.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7200
RGB	219, 114, 0
RGB Percent	86%, 45%, 0%
CMY	0.1412, 0.5529, 1.0000
CMYK	0.00, 0.48, 1.00, 0.14
HSL	31°, 100%, 43%
HSV	31°, 100%, 86%
XYZ	35.2307, 27.0947, 3.3729
YIQ	132.3990, 99.1740, -13.1940

Conversions

Conversions Part 2

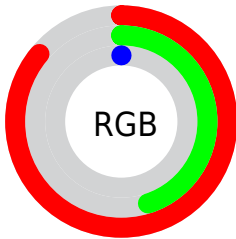
Format	Color
R _Y B	202, 219, 0
Decimal	14381568
CIE Lab	59.06, 35.63, 66.60
CIE LCh	59, 75.534, 61.859
Yxy	27.0947, 0.5362, 0.4124
Android (android.graphics.Color)	4292571648 (0xFFDB7200)
YUV	132.3990, -65.2727, 75.9491
Hunter-Lab	52.0526, 29.7220, 32.5949

Details

The XYZ color **35.2307, 27.0947, 3.3729** 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 **17.8375, 15.2172, 69.0143**, and the grayscale version is **22.2812, 23.4415, 25.5278**.

A 20% lighter version of the original color is **56.1021, 49.3148, 12.0306**, and **15.7380, 10.8349, 1.2619** is the 20% darker color. If you saturate the color by 10%, you get **35.2309, 27.0955, 3.3731**, and if you desaturate by 10%, it is **36.6284, 29.6601, 4.5488**.

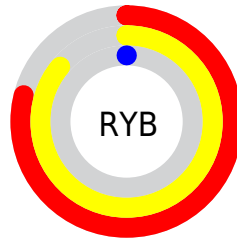
Distribution



Red (86%)

Green (45%)

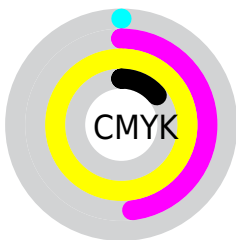
Blue (0%)



Red (79%)

Yellow (86%)

Blue (0%)

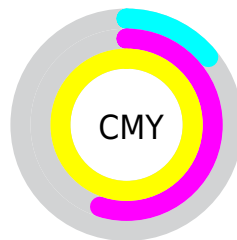


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (14%)



Cyan (14%)


Magenta (55%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2307, 27.0947, 3.3729 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 35.2307, 27.0947, 3.3729 by changing the saturation by 10% instead.


 35.2307, 27.0947,
3.3729


 35.2307, 27.0947,
3.3729


317.0757,
288.1153, 140.9769


 24.0080, 17.6444,
1.2880


 67.1747, 55.0358,
12.5355


 15.4643, 10.6950,
0.0520


 88.6266, 74.2953,
20.4503

 9.2343, 5.8621,
0.0000


 114.2191, 97.5934,
31.1456

 4.9527, 2.7614,
0.0000

 144.3173,
125.3144, 45.0398

 2.2540, 1.0085,
0.0000

 179.2868,
157.8427, 62.5515


 0.7710, 0.0000,
0.0000


 219.4927,


 0.0000, 0.0000,


195.5627, 84.0992


0.0000


 265.3006,
238.8588, 110.1015


 35.2307, 27.0947,
3.3729

 35.2307, 27.0947,
3.3729


 35.2309, 27.0955,
3.3731

 36.6284, 29.6601,
4.5488

 38.3289, 32.5700,
6.6303

 40.3907, 35.8555,
9.9009

 42.8476, 39.5366,
14.5202

 45.7289, 43.6312,
20.6226

■ 49.0604, 48.1555,
28.3263

■ 52.8655, 53.1246,
37.7372

■ 57.1660, 58.5527,
48.9521

■ 61.9819, 64.4532,
62.0605

Harmonies

Analogous

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



44.3106, 27.0947, 9.7733



35.2307, 27.0947, 3.3729



25.1721, 27.0947, 2.1340

Triad

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



35.2307, 27.0947, 3.3729



11.6048, 27.0947, 31.2088



36.4942, 27.0947, 98.7182

Complementary

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



35.2307, 27.0947, 3.3729



17.8375, 15.2172, 69.0143

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.



26.3421, 27.0947, 117.1027



35.2307, 27.0947, 3.3729



13.2702, 27.0947, 66.0285

Square

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



35.2307, 27.0947, 3.3729



12.8977, 27.0947, 11.2296



18.1481, 27.0947, 102.5140



45.1559, 27.0947, 61.1867

Rectangle

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



35.2307, 27.0947, 3.3729



19.6041, 27.0947, 2.8401



18.1481, 27.0947, 102.5140



33.0687, 27.0947, 108.1016

Sweetspot

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



35.2313, 27.0962, 3.3734



74.4816, 74.8053, 52.8964



31.8071, 16.0976, 15.0263



15.4369, 15.3577, 10.0538



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.



35.2313, 27.0962, 3.3734



49.5927, 37.9654, 4.7142



53.4583, 65.1626, 9.7603



13.6140, 14.1674, 13.7426



21.0009, 16.2873, 2.0369



1.4467, 1.2274, 0.1607

Inverse Universe

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



17.8375, 15.2172, 69.0143



25.0409, 21.2017, 97.3803



12.8319, 5.1382, 67.3326



12.8512, 13.6421, 16.6080



10.6851, 9.2396, 40.9587



0.7782, 0.7705, 2.6822

Previews

White Background



This preview shows how the XYZ color 35.2307, 27.0947, 3.3729 looks on a white background.

Color Contrast Check

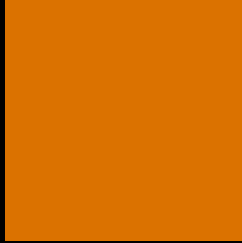
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2307, 27.0947, 3.3729 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 35.2307, 27.0947, 3.3729

Background



This preview shows how black text looks on a background with the XYZ color 35.2307, 27.0947, 3.3729.



This preview shows how white text looks on a background with the XYZ color 35.2307, 27.0947,

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

35.2307, 27.0947, 3.3729

Protanopia

24.6379, 27.2690, 4.5810

Deuteranopia

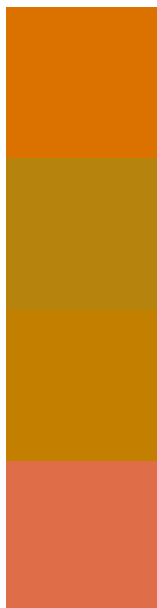
27.4864, 27.0312, 3.7689



Tritanopia

38.5661, 27.1883, 18.8380

Trichromacy



Original Color

35.2307, 27.0947, 3.3729

Protanomaly

27.6090, 26.4742, 4.0027

Deuteranomaly

29.8375, 26.6481, 3.5710

Tritanomaly

36.7625, 26.9348, 9.3922

Monochromacy



Original Color

35.2307, 27.0947, 3.3729

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.2437, 23.1998, 11.5877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2307, 27.0947, 3.3729 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, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 114, 0)  
}
```

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, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 114, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.2307, 27.0947, 3.3729 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, 114, 0) }
```


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

```
.border{ border-color:rgb(219, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(219, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 114,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2307, 27.0947, 3.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 114, 0) }
```

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

```
.background{ background-color: rgb(219,  
114, 0) }
```

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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