

Converting Colors

XYZ(35.6604, 27.8199, 3.4903)

Have a look what the booklet for
XYZ(35.6604, 27.8199, 3.4903)
contains.

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Color

**XYZ(35.5747, 27.7826,
3.4876)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7500
RGB	219, 117, 0
RGB Percent	86%, 46%, 0%
CMY	0.1412, 0.5412, 1.0000
CMYK	0.00, 0.47, 1.00, 0.14
HSL	32°, 100%, 43%
HSV	32°, 100%, 86%
XYZ	35.5747, 27.7826, 3.4876
YIQ	134.1600, 98.3490, -14.7630

Conversions

Conversions Part 2

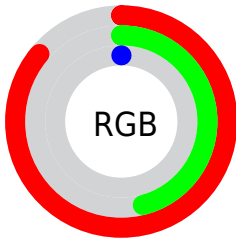
Format	Color
RYB	191, 219, 0
Decimal	14382336
CIELab	59.69, 34.08, 66.99
CIElCh	60, 75.156, 63.038
Yxy	27.7826, 0.5322, 0.4156
Android (android.graphics.Color)	4292572416 (0xFFDB7500)
YUV	134.1600, -66.1409, 74.4047
Hunter-Lab	52.7092, 28.2328, 32.9734

Details

The XYZ color **35.5747, 27.7826, 3.4876** 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 **17.5377, 14.6174, 68.9144**, and the grayscale version is **22.9305, 24.1247, 26.2718**.

A 20% lighter version of the original color is **56.6581, 50.4268, 12.2160**, and **15.9118, 11.1824, 1.3198** is the 20% darker color. If you saturate the color by 10%, you get **35.5748, 27.7832, 3.4877**, and if you desaturate by 10%, it is **36.9732, 30.3496, 4.6638**.

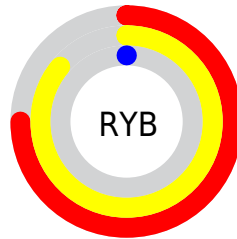
Distribution



Red (86%)

Green (46%)

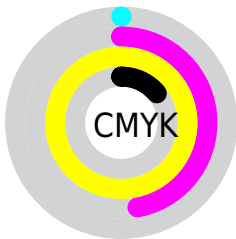
Blue (0%)



Red (75%)

Yellow (86%)

Blue (0%)

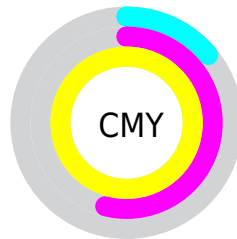


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5747, 27.7826, 3.4876 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 35.5747, 27.7826, 3.4876 by changing the saturation by 10% instead.


 35.5747, 27.7826,
3.4876


 35.5747, 27.7826,
3.4876


318.5616,
291.4266, 142.3474


 24.2745, 18.1618,
1.3487


 67.7033, 56.1372,
12.8096


 15.6632, 11.0662,
0.1012


 89.2624, 75.6398,
20.8298


 9.3755, 6.1114,
0.0000


 114.9718, 99.2051,
31.6475

 5.0460, 2.9129,
0.0000

 145.1970,
127.2176, 45.6812

 2.3093, 1.0865,
0.0000

 180.3031,
160.0616, 63.3495


 0.7994, 0.0000,
0.0000

 220.6557,

 0.0000, 0.0000,


198.1215, 85.0710


0.0000


 266.6201,
241.7817, 111.2641


 35.5747, 27.7826,
3.4876


 35.5747, 27.7826,
3.4876


 35.5748, 27.7832,
3.4877

 36.9732, 30.3496,
4.6638

 38.6677, 33.2473,
6.7434

 40.7161, 36.5062,
10.0097

 43.1521, 40.1454,
14.6221

 46.0045, 44.1821,
20.7151

■ 49.2988, 48.6320,
28.4066

■ 53.0581, 53.5094,
37.8024

■ 57.3039, 58.8281,
48.9992

■ 62.0559, 64.6007,
62.0865

Harmonies

Analogous

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



44.8490, 27.7826, 9.7669



35.5747, 27.7826, 3.4876



25.4511, 27.7826, 2.3209

Triad

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



35.5747, 27.7826, 3.4876



12.0539, 27.7826, 33.1059



37.6575, 27.7826, 98.6184

Complementary

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



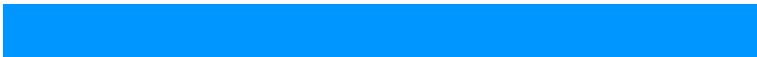
35.5747, 27.7826, 3.4876



17.5377, 14.6174, 68.9144

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.



27.3856, 27.7826, 118.2067



35.5747, 27.7826, 3.4876



13.8725, 27.7826, 68.6267

Square

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



35.5747, 27.7826, 3.4876



13.2523, 27.7826, 12.2033



18.9667, 27.7826, 104.8347



46.2399, 27.7826, 60.6721

Rectangle

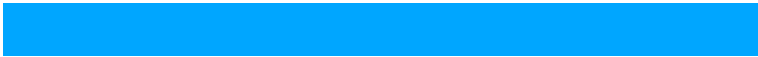
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.5747, 27.7826, 3.4876



19.8895, 27.7826, 3.1415



18.9667, 27.7826, 104.8347



34.2112, 27.7826, 108.3362

Sweetspot

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



35.5753, 27.7841, 3.4881



74.7546, 75.3513, 52.9874



31.6217, 16.0235, 14.0497



15.5015, 15.4870, 10.0753



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.



35.5753, 27.7841, 3.4881



50.0775, 38.9350, 4.8758



52.3962, 64.6151, 9.7106



13.6292, 14.1978, 13.7477



21.2051, 16.6957, 2.1050



1.4597, 1.2535, 0.1650

Inverse Universe

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



17.5377, 14.6174, 68.9144



24.6187, 20.3574, 97.2396



12.8777, 5.1618, 67.3349



12.8361, 13.6119, 16.6030



10.5062, 8.8818, 40.8990



0.7663, 0.7468, 2.6782

Previews

White Background



This preview shows how the XYZ color 35.5747, 27.7826, 3.4876 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 35.5747, 27.7826, 3.4876 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 35.5747, 27.7826, 3.4876

Background



This preview shows how black text looks on a background with the XYZ color 35.5747, 27.7826, 3.4876.



This preview shows how white text looks on a background with the XYZ color 35.5747, 27.7826,

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

35.5747, 27.7826, 3.4876

Protanopia

25.3388, 28.0810, 4.6569

Deuteranopia

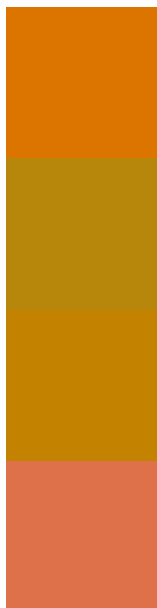
28.2371, 27.8364, 3.8847



Tritanopia

39.0525, 27.8862, 19.8473

Trichromacy



Original Color

35.5747, 27.7826, 3.4876

Protanomaly

28.2528, 27.4194, 4.1200

Deuteranomaly

30.4883, 27.5674, 3.7141

Tritanomaly

37.1544, 27.6123, 9.8500

Monochromacy



Original Color

35.5747, 27.7826, 3.4876

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8759, 24.0936, 11.9337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5747, 27.7826, 3.4876 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, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 117, 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, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 117, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.5747, 27.7826, 3.4876 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, 117, 0) }
```


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

```
.border{ border-color:rgb(219, 117, 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, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 117,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5747, 27.7826, 3.4876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 117, 0) }
```

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

```
.background{ background-color: rgb(219,  
117, 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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