

Converting Colors

XYZ(35.9262, 24.9227, 11.7451)

Have a look what the booklet for
XYZ(35.9262, 24.9227, 11.7451)
contains.

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Color

**XYZ(35.9603, 24.9677,
11.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6356
RGB	221, 99, 86
RGB Percent	87%, 39%, 34%
CMY	0.1333, 0.6117, 0.6627
CMYK	0.00, 0.55, 0.61, 0.13
HSL	6°, 67%, 60%
HSV	6°, 61%, 87%
XYZ	35.9603, 24.9677, 11.7280
YIQ	133.9960, 76.8850, 21.8210

Conversions

Conversions Part 2

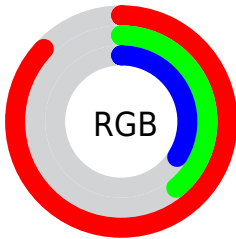
Format	Color
R_{YB}	221, 100, 86
Decimal	14508886
CIE Lab	57.04, 46.79, 30.78
CIE LCh	57, 56.002, 33.339
Yxy	24.9677, 0.4949, 0.3436
Android (android.graphics.Color)	4292698966 (0xFFDD6356)
YUV	133.9960, -23.6620, 76.3025
Hunter-Lab	49.9677, 41.0178, 21.0613

Details

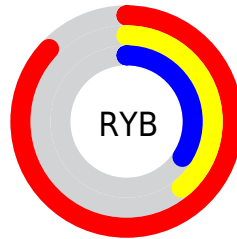
The XYZ color **35.9603, 24.9677, 11.7280** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **39.4429, 52.3070, 76.4235**, and the grayscale version is **22.7238, 23.9072, 26.0349**.

A 20% lighter version of the original color is **57.0752, 45.8200, 29.1285**, and **15.8186, 9.5036, 3.0081** is the 20% darker color. If you saturate the color by 10%, you get **33.5398, 21.3384, 7.1867**, and if you desaturate by 10%, it is **39.1250, 29.6454, 17.8755**.

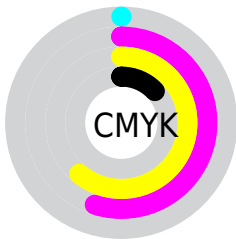
Distribution



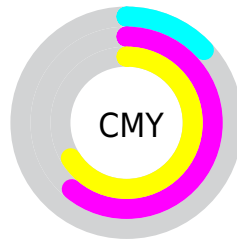
- Red (87%)
- Green (39%)
- Blue (34%)



- Red (87%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (13%)





- Cyan (13%)
- Magenta (61%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9603, 24.9677, 11.7280 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 35.9603, 24.9677, 11.7280 by changing the saturation by 10% instead.


 35.9603, 24.9677,
11.7280


 35.9603, 24.9677,
11.7280


320.2213,
277.6770, 213.5098


 24.5735, 16.0530,
6.4385


 68.2951, 51.6048,
29.6557

 15.8866, 9.5617,
3.0404


 89.9737, 70.0960,
43.1309


 9.5343, 5.1093,
1.1153


 115.8137, 92.5482,
60.1718

 5.1512, 2.3115,
0.0000

 146.1804,
119.3457, 81.1969

 2.3719, 0.7798,
0.0000

 181.4392,
150.8729, 106.6246

 0.8311, 0.0000,
0.0000

221.9553,

 0.0000, 0.0000,

187.5143, 136.8737

0.0000

268.0942,
229.6542, 172.3626

■ 35.9603, 24.9677,
11.7280

■ 35.9603, 24.9677,
11.7280

■ 33.5398, 21.3384,
7.1867

■ 39.1250, 29.6454,
17.8755

■ 31.8003, 18.6725,
4.1000

■ 43.0866, 35.4396,
25.7594

■ 30.6709, 16.8788,
2.2894

■ 47.8951, 42.4175,
35.4981

■ 30.0922, 15.9192,
1.4867

■ 53.5958, 50.6399,
47.1991

■ 60.2309, 60.1632,
60.9619

67.8398, 71.0407,
76.8790

76.4597, 83.3223,
95.0375

83.6286, 94.1120,
108.3655

Harmonies

Analogous

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



38.7505, 24.9677, 25.1273



35.9603, 24.9677, 11.7280



29.8787, 24.9677, 5.9487

Triad

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



35.9603, 24.9677, 11.7280



14.1178, 24.9677, 13.9435



24.4763, 24.9677, 81.8414

Complementary

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



35.9603, 24.9677, 11.7280



39.4429, 52.3070, 76.4235

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.



18.4904, 24.9677, 74.1827



35.9603, 24.9677, 11.7280



13.2012, 24.9677, 29.3532

Square

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



35.9603, 24.9677, 11.7280



17.4296, 24.9677, 6.7492



14.6460, 24.9677, 52.3857



31.3933, 24.9677, 70.1336

Rectangle

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



35.9603, 24.9677, 11.7280



25.2304, 24.9677, 4.7314



14.6460, 24.9677, 52.3857



22.2923, 24.9677, 81.4600

Sweetspot

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



35.9609, 24.9691, 11.7284



76.6869, 73.7201, 70.5741



44.7481, 26.6684, 63.5983



15.8671, 14.9928, 13.9751



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.



35.9609, 24.9691, 11.7284



45.7003, 28.4695, 8.6923



44.9084, 42.8641, 14.7109



13.1564, 13.2522, 13.5901



17.5181, 9.3218, 0.8760



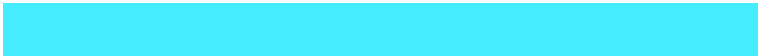
1.1702, 0.6745, 0.0685

Inverse Universe

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



39.4429, 52.3070, 76.4235



50.7966, 69.0857, 105.2654



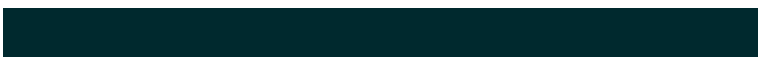
26.5991, 26.6194, 72.1423



13.3321, 14.6039, 16.7683



19.5867, 27.0429, 43.9259



1.3007, 1.8156, 2.8563

Previews

White Background



This preview shows how the XYZ color 35.9603, 24.9677, 11.7280 looks on a white background.

Color Contrast Check

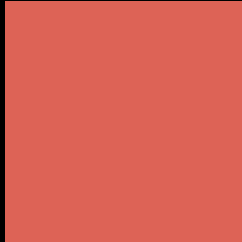
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9603, 24.9677, 11.7280 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 35.9603, 24.9677, 11.7280

Background



This preview shows how black text looks on a background with the XYZ color 35.9603, 24.9677, 11.7280.



This preview shows how white text looks on a background with the XYZ color 35.9603, 24.9677,

11.7280.

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

35.9603, 24.9677, 11.7280

Protanopia

23.3272, 25.0339, 15.9145

Deuteranopia

25.5006, 25.0273, 11.0761



Tritanopia

36.8471, 25.0583, 15.7266

Trichromacy



Original Color

35.9603, 24.9677, 11.7280

Protanomaly

26.6498, 24.0091, 14.2960

Deuteranomaly

28.6133, 24.3676, 11.1780

Tritanomaly

36.6496, 25.1280, 14.2278

Monochromacy



Original Color

35.9603, 24.9677, 11.7280

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.7741, 23.0661, 19.9234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9603, 24.9677, 11.7280 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(221, 99, 86)` looks like.

```
.text, #text, p{  
    color:rgb(221, 99, 86)  
}
```

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(221, 99, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 99, 86) }
```

Border

The CSS property to change the border of an element to XYZ 35.9603, 24.9677, 11.7280 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(221, 99, 86) }
```


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

```
.border{ border-color:rgb(221, 99, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 99, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 99, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 99, 86);  
box-shadow:4px 4px 4px 4px rgb(221, 99,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9603, 24.9677, 11.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 99, 86) }
```

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

```
.background{ background-color: rgb(221, 99,  
86) }
```

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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