

Converting Colors

XYZ(36.0997, 26.3138, 10.9887)

Have a look what the booklet for
XYZ(36.0997, 26.3138, 10.9887)
contains.

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Color

**XYZ(35.9563, 26.1695,
10.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6B51
RGB	219, 107, 81
RGB Percent	86%, 42%, 32%
CMY	0.1412, 0.5804, 0.6823
CMYK	0.00, 0.51, 0.63, 0.14
HSL	11°, 66%, 59%
HSV	11°, 63%, 86%
XYZ	35.9563, 26.1695, 10.9407
YIQ	137.5240, 75.0980, 15.6580

Conversions

Conversions Part 2

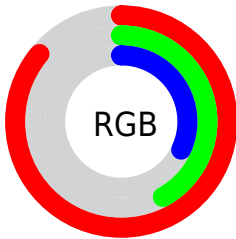
Format	Color
R_{YB}	219, 113, 81
Decimal	14379857
CIE _{Lab}	58.20, 41.80, 34.95
CIE _{LCh}	58, 54.484, 39.897
Yxy	26.1695, 0.4921, 0.3582
Android (android.graphics.Color)	4292569937 (0xFFDB6B51)
YUV	137.5240, -27.8663, 71.4545
Hunter-Lab	51.1561, 35.9397, 23.1290

Details

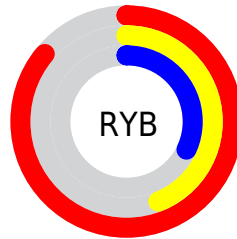
The XYZ color **35.9563, 26.1695, 10.9407** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **35.2481, 45.0010, 73.8458**, and the grayscale version is **24.0596, 25.3126, 27.5654**.

A 20% lighter version of the original color is **58.0816, 48.3884, 27.7514**, and **15.9676, 10.2247, 2.7221** is the 20% darker color. If you saturate the color by 10%, you get **33.5972, 22.5606, 6.7353**, and if you desaturate by 10%, it is **38.9622, 30.6488, 16.6682**.

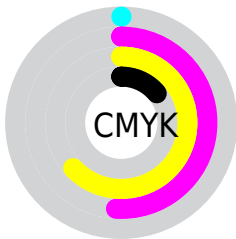
Distribution



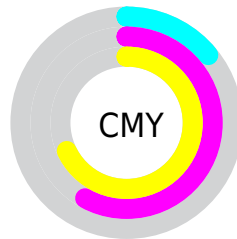
- Red (86%)
- Green (42%)
- Blue (32%)



- Red (86%)
- Yellow (44%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9563, 26.1695, 10.9407 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 35.9563, 26.1695, 10.9407 by changing the saturation by 10% instead.


 35.9563, 26.1695,
10.9407


 35.9563, 26.1695,
10.9407


320.2041,
283.6132, 207.9831


 24.5704, 16.9505,
5.9133


 68.2889, 53.5483,
28.1854

 15.8843, 10.1992,
2.7245


 89.9664, 72.4768,
41.2398


 9.5326, 5.5312,
0.9557


 115.8050, 95.4106,
57.8070

 5.1501, 2.5622,
0.0000

 146.1702,
122.7342, 78.3055

 2.3712, 0.9077,
0.0000

 181.4274,
154.8318, 103.1538

 0.8308, 0.0000,
0.0000

221.9419,

 0.0000, 0.0000,

192.0879, 132.7704

0.0000

268.0790,
234.8869, 167.5740

■ 35.9563, 26.1695,
10.9407

■ 35.9563, 26.1695,
10.9407

■ 33.5972, 22.5606,
6.7353

■ 38.9622, 30.6488,
16.6682

■ 31.8330, 19.7602,
3.9032

■ 42.6577, 36.0465,
24.0448

■ 30.6063, 17.7047,
2.2675

■ 47.0836, 42.4119,
33.1856

■ 30.0156, 16.6646,
1.6346

■ 52.2773, 49.7896,
44.1950

■ 58.2733, 58.2215,
57.1693

■ 65.1042, 67.7470,
72.1979

■ 72.8006, 78.4035,
89.3650

■ 81.1978, 90.1490,
107.7287

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



39.6156, 26.1695, 22.6835



35.9563, 26.1695, 10.9407



29.5034, 26.1695, 6.1563

Triad

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



35.9563, 26.1695, 10.9407



14.7436, 26.1695, 17.7232



27.1229, 26.1695, 81.5110

Complementary

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



35.9563, 26.1695, 10.9407



35.2481, 45.0010, 73.8458

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.



20.7549, 26.1695, 78.1796



35.9563, 26.1695, 10.9407



14.3344, 26.1695, 35.2209

Square

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



35.9563, 26.1695, 10.9407



17.5781, 26.1695, 8.6954



16.3397, 26.1695, 58.8057



33.9505, 26.1695, 66.5458

Rectangle

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



35.9563, 26.1695, 10.9407



24.8962, 26.1695, 5.3917



16.3397, 26.1695, 58.8057



24.8505, 26.1695, 82.6076

Sweetspot

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



35.9569, 26.1709, 10.9412



76.9216, 74.6911, 69.1061



41.8597, 24.8266, 53.4481



15.9602, 15.2763, 13.7061



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.



35.9569, 26.1709, 10.9412



46.4294, 30.2824, 7.8412



46.0869, 46.4309, 14.3178



13.2536, 13.4466, 13.6225



17.8571, 9.9998, 0.9890



1.2161, 0.7663, 0.0838

Inverse Universe

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



35.2481, 45.0010, 73.8458



45.1825, 58.6098, 103.5392



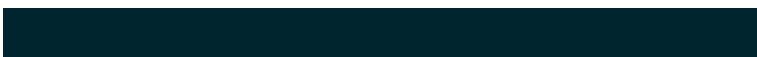
23.4753, 21.4554, 69.9215



13.2254, 14.3906, 16.7327



17.0657, 22.0008, 43.0855



1.1606, 1.5352, 2.8096

Previews

White Background



This preview shows how the XYZ color 35.9563, 26.1695, 10.9407 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 35.9563, 26.1695, 10.9407 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 35.9563, 26.1695, 10.9407

Background



This preview shows how black text looks on a background with the XYZ color 35.9563, 26.1695, 10.9407.



This preview shows how white text looks on a background with the XYZ color 35.9563, 26.1695,

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

35.9563, 26.1695, 10.9407

Protanopia

24.3474, 26.2397, 14.3712

Deuteranopia

26.8429, 26.3427, 10.5073



Tritanopia

37.4835, 26.1984, 17.8331

Trichromacy



Original Color

35.9563, 26.1695, 10.9407

Protanomaly

27.4268, 25.3897, 12.9063

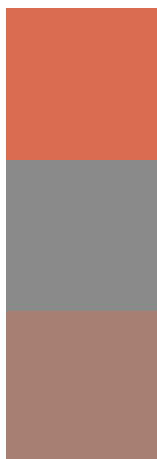
Deuteranomaly

29.5691, 25.7842, 10.6261

Tritanomaly

36.7176, 26.0171, 14.8910

Monochromacy



Original Color

35.9563, 26.1695, 10.9407

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7366, 24.6786, 20.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9563, 26.1695, 10.9407 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, 107, 81)` looks like.

```
.text, #text, p{  
    color:rgb(219, 107, 81)  
}
```

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, 107, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 107, 81) }
```

Border

The CSS property to change the border of an element to XYZ 35.9563, 26.1695, 10.9407 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, 107, 81) }
```


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

```
.border{ border-color:rgb(219, 107, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 107, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 107, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 107, 81);  
box-shadow:4px 4px 4px 4px rgb(219, 107,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9563, 26.1695, 10.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 107, 81) }
```

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

```
.background{ background-color: rgb(219,  
107, 81) }
```

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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