

Converting Colors

XYZ(36.7487, 26.5213, 13.5382)

Have a look what the booklet for
XYZ(36.7487, 26.5213, 13.5382)
contains.

XYZ(36.7487, 26.5213, 13.5382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.7487, 26.5213,
13.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6B5D
RGB	220, 107, 93
RGB Percent	86%, 42%, 36%
CMY	0.1373, 0.5804, 0.6353
CMYK	0.00, 0.51, 0.58, 0.14
HSL	7°, 64%, 61%
HSV	7°, 58%, 86%
XYZ	36.7487, 26.5213, 13.5382
YIQ	139.1910, 71.8420, 19.6020

Conversions

Conversions Part 2

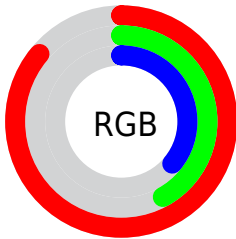
Format	Color
R_{YB}	220, 109, 93
Decimal	14445405
CIE _{Lab}	58.53, 43.01, 28.67
CIE _{LCh}	59, 51.693, 33.691
Yxy	26.5213, 0.4784, 0.3453
Android (android.graphics.Color)	4292635485 (0xFFDC6B5D)
YUV	139.1910, -22.7722, 70.8695
Hunter-Lab	51.4988, 37.2516, 20.4628

Details

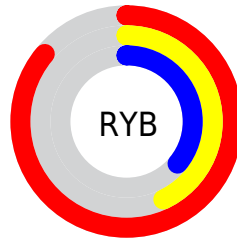
The XYZ color **36.7487, 26.5213, 13.5382** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **39.5024, 51.6343, 75.5944**, and the grayscale version is **24.6806, 25.9659, 28.2769**.

A 20% lighter version of the original color is **59.0189, 48.7634, 32.6872**, and **16.3765, 10.4112, 3.8357** is the 20% darker color. If you saturate the color by 10%, you get **34.0958, 22.5572, 8.5184**, and if you desaturate by 10%, it is **40.1450, 31.5240, 20.1888**.

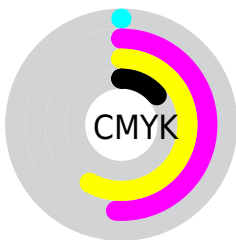
Distribution



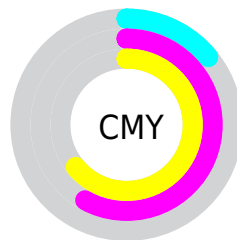
- Red (86%)
- Green (42%)
- Blue (36%)



- Red (86%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (14%)




- Cyan (14%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7487, 26.5213, 13.5382 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 36.7487, 26.5213, 13.5382 by changing the saturation by 10% instead.


 36.7487, 26.5213,
13.5382


 36.7487, 26.5213,
13.5382


323.5957,
285.3318, 225.6663


 25.1858, 17.2140,
7.6651


 69.5025, 54.1147,
32.9726


 16.3450, 10.3872,
3.7967


 91.4240, 73.1697,
47.3710

 9.8610, 5.6564,
1.5145


 117.5291, 96.2427,
65.4483

 5.3684, 2.6373,
0.2287

 148.1831,
123.7181, 87.6229

 2.5020, 0.9455,
0.0000

183.7515,
155.9803, 114.3135

 0.8963, 0.0000,
0.0000

224.5994,

 0.0000, 0.0000,

193.4138, 145.9386

0.0000

271.0924,
236.4028, 182.9167

■ 36.7487, 26.5213,
13.5382

■ 36.7487, 26.5213,
13.5382

■ 34.0958, 22.5572,
8.5184

■ 40.1450, 31.5240,
20.1888

■ 32.1281, 19.5546,
4.9869

■ 44.3332, 37.6271,
28.5934

■ 30.7816, 17.4321,
2.7793

■ 49.3600, 44.8925,
38.8649

■ 29.9748, 16.0912,
1.6697

■ 55.2679, 53.3762,
51.1063

■ 29.8472, 15.8797,
1.4920

■ 62.0963, 63.1306,
65.4131

■ 69.8824, 74.2051,
81.8746

■ 78.6614, 86.6464,
100.5749

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



39.4056, 26.5213, 26.6912



36.7487, 26.5213, 13.5382



30.9948, 26.5213, 7.5482

Triad

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



36.7487, 26.5213, 13.5382



15.7972, 26.5213, 16.0214



25.9992, 26.5213, 79.4854

Complementary

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



36.7487, 26.5213, 13.5382



39.5024, 51.6343, 75.5944

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.



20.1899, 26.5213, 72.7378



36.7487, 26.5213, 13.5382



14.9098, 26.5213, 31.1794

Square

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



36.7487, 26.5213, 13.5382



19.0421, 26.5213, 8.5031



16.3779, 26.5213, 52.8442



32.5784, 26.5213, 68.6628

Rectangle

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



36.7487, 26.5213, 13.5382



26.5687, 26.5213, 6.2422



16.3779, 26.5213, 52.8442



23.8940, 26.5213, 79.2131

Sweetspot

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



36.7493, 26.5227, 13.5387



77.7459, 75.3285, 72.4983



44.7288, 27.5642, 62.1868



16.2578, 15.5748, 14.7197



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.



36.7493, 26.5227, 13.5387



47.0634, 30.6458, 10.8414



45.7162, 44.4564, 16.5276



13.1711, 13.2815, 13.5950



17.5571, 9.3998, 0.8890



1.1772, 0.6884, 0.0708

Inverse Universe

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



39.5024, 51.6343, 75.5944



51.1579, 68.6429, 105.1608



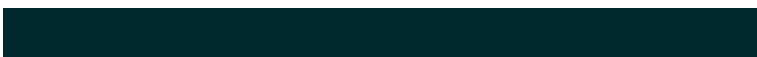
27.3756, 27.3807, 71.5521



13.3159, 14.5715, 16.7629



19.1830, 26.2354, 43.7913



1.2785, 1.7712, 2.8489

Previews

White Background



This preview shows how the XYZ color 36.7487, 26.5213, 13.5382 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 36.7487, 26.5213, 13.5382 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 36.7487, 26.5213, 13.5382

Background



This preview shows how black text looks on a background with the XYZ color 36.7487, 26.5213, 13.5382.



This preview shows how white text looks on a background with the XYZ color 36.7487, 26.5213,

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

36.7487, 26.5213, 13.5382

Protanopia

24.9412, 26.6906, 17.7472

Deuteranopia

27.2200, 26.6905, 12.9496



Tritanopia

37.6937, 26.4426, 18.4465

Trichromacy



Original Color

36.7487, 26.5213, 13.5382

Protanomaly

28.1530, 25.8899, 16.0838

Deuteranomaly

30.1653, 26.2242, 13.1448

Tritanomaly

37.4202, 26.4952, 16.5064

Monochromacy



Original Color

36.7487, 26.5213, 13.5382

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.2507, 24.9087, 21.7840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7487, 26.5213, 13.5382 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(220, 107, 93)` looks like.

```
.text, #text, p{  
    color:rgb(220, 107, 93)  
}
```

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(220, 107, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 107, 93) }
```

Border

The CSS property to change the border of an element to XYZ 36.7487, 26.5213, 13.5382 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(220, 107, 93) }
```


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

```
.border{ border-color:rgb(220, 107, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 107, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 107, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 107, 93);  
box-shadow:4px 4px 4px 4px rgb(220, 107,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7487, 26.5213, 13.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 107, 93) }
```

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

```
.background{ background-color: rgb(220,  
107, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor