

Converting Colors

XYZ(36.2315, 25.7430, 11.1019)

Have a look what the booklet for
XYZ(36.2315, 25.7430, 11.1019)
contains.

XYZ(36.1920, 25.6818, 11.0322)	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(36.1920, 25.6818,
11.0322)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6752
RGB	221, 103, 82
RGB Percent	87%, 40%, 32%
CMY	0.1333, 0.5961, 0.6784
CMYK	0.00, 0.53, 0.63, 0.13
HSL	9°, 67%, 59%
HSV	9°, 63%, 87%
XYZ	36.1920, 25.6818, 11.0322
YIQ	135.8880, 77.0690, 18.4850

Conversions

Conversions Part 2

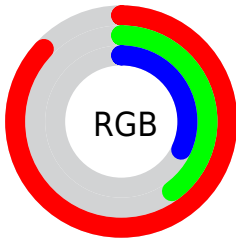
Format	Color
R_{YB}	221, 107, 82
Decimal	14509906
CIE _{Lab}	57.73, 44.59, 33.89
CIE _{LCh}	58, 56.004, 37.236
Yxy	25.6818, 0.4964, 0.3523
Android (android.graphics.Color)	4292699986 (0xFFDD6752)
YUV	135.8880, -26.5668, 74.6432
Hunter-Lab	50.6772, 38.7937, 22.5669

Details

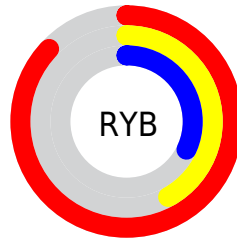
The XYZ color **36.1920, 25.6818, 11.0322** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **37.1836, 48.3198, 75.7731**, and the grayscale version is **23.4367, 24.6572, 26.8517**.

A 20% lighter version of the original color is **57.4618, 47.0399, 27.8808**, and **15.9562, 9.8822, 2.7355** is the 20% darker color. If you saturate the color by 10%, you get **33.8211, 22.0763, 6.7399**, and if you desaturate by 10%, it is **39.2534, 30.2356, 16.8908**.

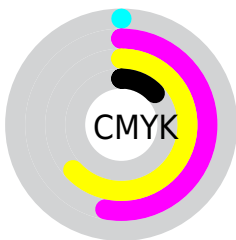
Distribution



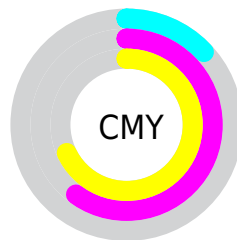
- Red (87%)
- Green (40%)
- Blue (32%)



- Red (87%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1920, 25.6818, 11.0322 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 36.1920, 25.6818, 11.0322 by changing the saturation by 10% instead.


 36.1920, 25.6818,
11.0322

 36.1920, 25.6818,
11.0322


321.2156,
281.2165, 208.6337


 24.7533, 16.5857,
5.9741


 68.6502, 52.7612,
28.3573

 16.0211, 9.9396,
2.7608

 90.4005, 71.5133,
41.4612


 9.6300, 5.3589,
0.9738


 116.3187, 94.2528,
58.0843

 5.2147, 2.4594,
0.0000

 146.7701,
121.3643, 78.6448

 2.4098, 0.8562,
0.0000

 182.1202,
153.2320, 103.5615

 0.8500, 0.0000,
0.0000

222.7342,

 0.0000, 0.0000,

190.2403, 133.2529

0.0000

268.9775,
232.7737, 168.1374

■ 36.1920, 25.6818,
11.0322

■ 36.1920, 25.6818,
11.0322

■ 33.8211, 22.0763,
6.7399

■ 39.2534, 30.2356,
16.8908

■ 32.0836, 19.3475,
3.8604

■ 43.0528, 35.7943,
24.4466

■ 30.9156, 17.4198,
2.2115

■ 47.6354, 42.4150,
33.8182

■ 30.3736, 16.4820,
1.5805

■ 53.0422, 50.1492,
45.1135

■ 59.3112, 59.0453,
58.4314

■ 66.4783, 69.1484,
73.8645

■ 74.5772, 80.5015,
91.4993

■ 83.0216, 92.8981,
108.1632

■ 83.6286, 94.1121,
108.3655

Harmonies

Analogous

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



39.5793, 25.6818, 23.5616



36.1920, 25.6818, 11.0322



29.7509, 25.6818, 5.8541

Triad

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



36.1920, 25.6818, 11.0322



14.3396, 25.6818, 15.9625



26.0715, 25.6818, 82.9813

Complementary

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



36.1920, 25.6818, 11.0322



37.1836, 48.3198, 75.7731

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.



19.7495, 25.6818, 77.7583



36.1920, 25.6818, 11.0322



13.7159, 25.6818, 32.8813

Square

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



36.1920, 25.6818, 11.0322



17.4045, 25.6818, 7.6535



15.5102, 25.6818, 56.8163



33.0802, 25.6818, 68.9116

Rectangle

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



36.1920, 25.6818, 11.0322



25.0373, 25.6818, 4.9102



15.5102, 25.6818, 56.8163



23.7929, 25.6818, 83.5015

Sweetspot

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



36.1926, 25.6832, 11.0326



76.4617, 73.7714, 68.9528



43.2788, 25.5839, 57.3925



15.8512, 15.0581, 13.6697



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.



36.1926, 25.6832, 11.0326



46.0422, 29.3952, 8.0604



46.1609, 45.6197, 14.3554



13.2141, 13.3675, 13.6093



17.6961, 9.6778, 0.9353



1.1975, 0.7291, 0.0776

Inverse Universe

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



37.1836, 48.3198, 75.7731



47.3710, 62.7473, 104.2225



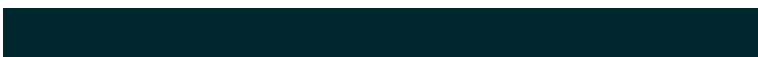
24.6003, 23.1532, 71.5786



13.2685, 14.4767, 16.7471



18.0457, 23.9608, 43.4122



1.2155, 1.6451, 2.8279

Previews

White Background



This preview shows how the XYZ color 36.1920, 25.6818, 11.0322 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 36.1920, 25.6818, 11.0322 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 36.1920, 25.6818, 11.0322

Background



This preview shows how black text looks on a background with the XYZ color 36.1920, 25.6818, 11.0322.



This preview shows how white text looks on a background with the XYZ color 36.1920, 25.6818,

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

36.1920, 25.6818, 11.0322

Protanopia

23.9216, 25.7938, 14.7842

Deuteranopia

26.2696, 25.8429, 10.4411



Tritanopia

37.2829, 25.6845, 16.6283

Trichromacy



Original Color

36.1920, 25.6818, 11.0322

Protanomaly

27.2537, 24.9071, 13.2687

Deuteranomaly

29.3209, 25.2879, 10.5434

Tritanomaly

36.9355, 25.7000, 14.3231

Monochromacy



Original Color

36.1920, 25.6818, 11.0322

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.2964, 23.8917, 19.7486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1920, 25.6818, 11.0322 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, 103, 82)` looks like.

```
.text, #text, p{  
    color:rgb(221, 103, 82)  
}
```

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, 103, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 103, 82) }
```

Border

The CSS property to change the border of an element to XYZ 36.1920, 25.6818, 11.0322 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, 103, 82) }
```


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

```
.border{ border-color:rgb(221, 103, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 103, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 103, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 103, 82);  
box-shadow:4px 4px 4px 4px rgb(221, 103,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1920, 25.6818, 11.0322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 103, 82) }
```

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

```
.background{ background-color: rgb(221,  
103, 82) }
```

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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