

Converting Colors

XYZ(36.5775, 37.5191, 17.8846)

Have a look what the booklet for
XYZ(36.5775, 37.5191, 17.8846)
contains.

XYZ(36.6290, 37.5254, 17.8829)	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(36.6290, 37.5254,
17.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA166
RGB	191, 161, 102
RGB Percent	75%, 63%, 40%
CMY	0.2510, 0.3686, 0.6000
CMYK	0.00, 0.16, 0.47, 0.25
HSL	40°, 41%, 57%
HSV	40°, 47%, 75%
XYZ	36.6290, 37.5254, 17.8829
YIQ	163.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

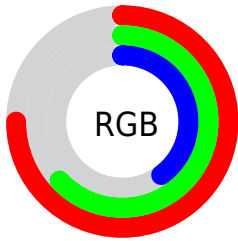
Format	Color
RYB	147, 191, 102
Decimal	12558694
CIELab	67.67, 3.21, 34.73
CIELCh	68, 34.879, 84.712
Yxy	37.5254, 0.3980, 0.4077
Android (android.graphics.Color)	4290748774 (0xFFBFA166)
YUV	163.2440, -30.1933, 24.3420
Hunter-Lab	61.2580, -0.4680, 25.5722

Details

The XYZ color **36.6290, 37.5254, 17.8829** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.1344, 23.0880, 52.5273**, and the grayscale version is **35.0550, 36.8805, 40.1629**.

A 20% lighter version of the original color is **69.4555, 71.5846, 40.7284**, and **16.3719, 16.6431, 5.7177** is the 20% darker color. If you saturate the color by 10%, you get **34.6929, 34.9984, 13.0906**, and if you desaturate by 10%, it is **38.8431, 40.2591, 23.8454**.

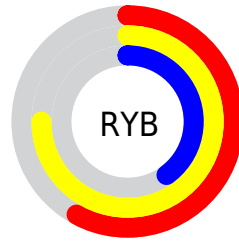
Distribution



Red (75%)

Green (63%)

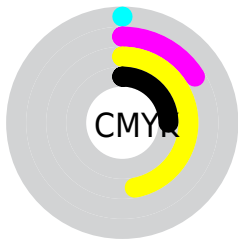
Blue (40%)



Red (58%)

Yellow (75%)

Blue (40%)

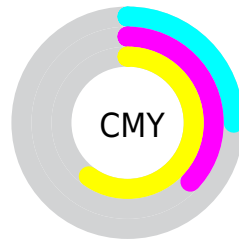


Cyan (0%)

Magenta (16%)

Yellow (47%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6290, 37.5254, 17.8829 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 36.6290, 37.5254, 17.8829 by changing the saturation by 10% instead.


 36.6290, 37.5254,
17.8829


 36.6290, 37.5254,
17.8829


323.0850,
335.5797, 252.4241

 25.0927, 25.6145,
10.6974


 69.3194, 71.3801,
40.6489

 16.2753, 16.5355,
5.7521


 91.2042, 94.0928,
57.0665

 9.8112, 9.9039,
2.6286


 117.2692,
121.1748, 77.3985

 5.3353, 5.3353,
0.9072

 147.8798,
153.0106, 102.0635

 2.4821, 2.4453,
0.0000

183.4013,
189.9846, 131.4801

 0.8862, 0.8490,
0.0000

224.1991,

 0.0000, 0.0000,

232.4812, 166.0666

0.0000

270.6385,
280.8848, 206.2418

■ 36.6290, 37.5254,
17.8829

■ 36.6290, 37.5254,
17.8829

■ 34.6929, 34.9984,
13.0906

■ 38.8431, 40.2591,
23.8454

■ 33.0160, 32.6650,
9.3858

■ 41.3471, 43.2013,
31.0484

■ 31.5812, 30.5184,
6.6787

■ 44.1553, 46.3606,
39.5595

■ 30.3676, 28.5487,
4.8640

■ 47.2803, 49.7432,
49.4406

■ 29.3479, 26.7434,
3.8019

■ 50.7337, 53.3551,
60.7498

■ 29.0272, 26.1591,
3.5193

■ 54.5267, 57.2020,
73.5415

■ 58.6699, 61.2893,
87.8675

■ 63.1733, 65.6223,
103.7771

■ 64.8517, 68.9281,
104.4941

Harmonies

Analogous

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



41.9850, 37.5254, 21.1279



36.6290, 37.5254, 17.8829



31.5132, 37.5254, 19.4166

Triad

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



36.6290, 37.5254, 17.8829



27.0679, 37.5254, 54.5431



44.7979, 37.5254, 60.4820

Complementary

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



36.6290, 37.5254, 17.8829



23.1344, 23.0880, 52.5273

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.



40.1702, 37.5254, 74.1273



36.6290, 37.5254, 17.8829



30.0165, 37.5254, 70.1382

Square

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



36.6290, 37.5254, 17.8829



26.3230, 37.5254, 38.1878



34.7215, 37.5254, 78.0440



46.9951, 37.5254, 43.6514

Rectangle

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



36.6290, 37.5254, 17.8829



28.8705, 37.5254, 23.2090



34.7215, 37.5254, 78.0440



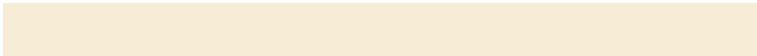
43.4538, 37.5254, 65.7461

Sweetspot

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



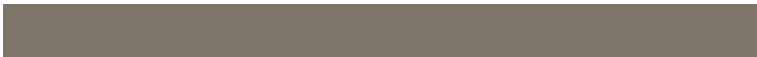
36.6299, 37.5272, 17.8837



80.3593, 84.4340, 74.8273



30.4814, 22.2770, 24.9384



17.3879, 18.2575, 15.6268



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6299, 37.5272, 17.8837



62.0416, 62.5562, 23.2258



39.3090, 47.6445, 19.6953



10.0440, 10.5641, 10.0863



19.1531, 17.3449, 2.3384



0.8083, 0.7956, 0.1110

Inverse Universe

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



23.1344, 23.0880, 52.5273



34.9366, 33.5931, 92.9219



21.2720, 16.9333, 51.4374



9.2722, 9.7368, 12.0629



7.4663, 5.0443, 32.9730



0.3540, 0.3207, 1.3121

Previews

White Background



This preview shows how the XYZ color 36.6290, 37.5254, 17.8829 looks on a white background.

Color Contrast Check

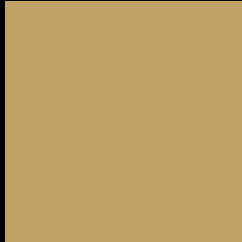
Large Text (above 18pt) WCAG AA × Fail

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 36.6290, 37.5254, 17.8829 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6290, 37.5254, 17.8829

Background



This preview shows how black text looks on a background with the XYZ color 36.6290, 37.5254, 17.8829.



This preview shows how white text looks on a background with the XYZ color 36.6290, 37.5254,

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

36.6290, 37.5254, 17.8829

Protanopia

34.7762, 37.6130, 18.5238

Deuteranopia

38.2282, 37.5751, 18.0698



Tritanopia

41.2087, 37.3694, 40.6384

Trichromacy



Original Color

36.6290, 37.5254, 17.8829

Protanomaly

35.4908, 37.7205, 18.2422

Deuteranomaly

37.6113, 37.5113, 18.0900

Tritanomaly

39.2766, 37.3320, 30.7269

Monochromacy



Original Color

36.6290, 37.5254, 17.8829

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9616, 36.6480, 30.4304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6290, 37.5254, 17.8829 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(191, 161, 102)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 102)  
}
```

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(191, 161, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 102) }
```

Border

The CSS property to change the border of an element to XYZ 36.6290, 37.5254, 17.8829 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(191, 161, 102) }
```


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

```
.border{ border-color:rgb(191, 161, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 102);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6290, 37.5254, 17.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 102) }
```

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

```
.background{ background-color: rgb(191,  
161, 102) }
```

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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