

Converting Colors

XYZ(36.7886, 33.6446, 29.5372)

Have a look what the booklet for
XYZ(36.7886, 33.6446, 29.5372)
contains.

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Color

**XYZ(36.7507, 33.6577,
29.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	C0928C
RGB	192, 146, 140
RGB Percent	75%, 57%, 55%
CMY	0.2471, 0.4274, 0.4510
CMYK	0.00, 0.24, 0.27, 0.25
HSL	7°, 29%, 65%
HSV	7°, 27%, 75%
XYZ	36.7507, 33.6577, 29.3706
YIQ	159.0700, 29.3420, 7.8860

Conversions

Conversions Part 2

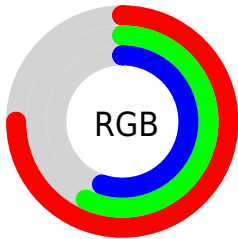
Format	Color
R_{YB}	192, 147, 140
Decimal	12620428
CIE _{Lab}	64.69, 16.46, 9.90
CIE _{LCh}	65, 19.205, 31.014
Yxy	33.6577, 0.3683, 0.3373
Android (android.graphics.Color)	4290810508 (0xFFC0928C)
YUV	159.0700, -9.4015, 28.8796
Hunter-Lab	58.0153, 11.5470, 10.5947

Details

The XYZ color **36.7507, 33.6577, 29.3706** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8880, 44.4976, 56.4612**, and the grayscale version is **33.0197, 34.7393, 37.8311**.

A 20% lighter version of the original color is **69.4588, 65.3433, 59.9906**, and **16.2542, 14.2410, 11.5650** is the 20% darker color. If you saturate the color by 10%, you get **33.0304, 28.2883, 21.7446**, and if you desaturate by 10%, it is **41.1088, 39.9069, 38.4286**.

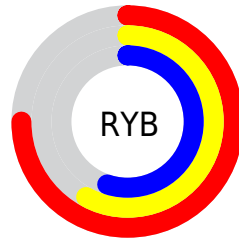
Distribution



Red (75%)

Green (57%)

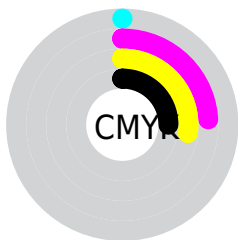
Blue (55%)



Red (75%)

Yellow (58%)

Blue (55%)

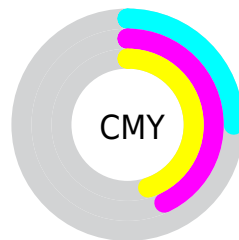


Cyan (0%)

Magenta (24%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7507, 33.6577, 29.3706 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 36.7507, 33.6577, 29.3706 by changing the saturation by 10% instead.


 36.7507, 33.6577,
29.3706


 36.7507, 33.6577,
29.3706


323.6042,
318.6030, 313.0750


 25.1873, 22.6308,
19.1134


 69.5055, 65.4010,
59.7146

 16.3461, 14.3211,
11.5746


 91.4277, 86.8862,
80.6384

 9.8618, 8.3443,
6.3357


 117.5334,
112.6262, 105.9548

 5.3690, 4.3161,
2.9782

148.1882,
143.0055, 136.0824

 2.5023, 1.8519,
1.0835

183.7573,
178.4084, 171.4397

 0.8964, 0.5192,
0.0000

224.6061,

 0.0000, 0.0000,

219.2194, 212.4452

0.0000

271.1000,
265.8228, 259.5174

■ 36.7507, 33.6577,
29.3706

■ 36.7507, 33.6577,
29.3706

■ 33.0304, 28.2883,
21.7446

■ 41.1088, 39.9069,
38.4286

■ 29.9152, 23.7548,
15.4754

■ 46.1299, 47.0679,
48.9847

■ 27.3737, 20.0162,
10.4837

■ 51.8413, 55.1772,
61.1032

■ 25.3706, 17.0267,
6.6815

■ 58.2676, 64.2675,
74.8440

■ 23.8664, 14.7353,
3.9693

■ 65.4325, 74.3702,
90.2640

■ 22.8162, 13.0851,
2.2316

■ 73.3261, 85.5023,
107.2466

■ 22.1637, 12.0083,
1.3105

■ 75.5482, 89.9465,
107.9873

■ 22.0284, 11.7867,
1.1140

Harmonies

Analogous

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



37.5871, 33.6577, 36.3795



36.7507, 33.6577, 29.3706



34.6280, 33.6577, 24.9102

Triad

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



36.7507, 33.6577, 29.3706



27.5754, 33.6577, 29.7739



32.0845, 33.6577, 54.0128

Complementary

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



36.7507, 33.6577, 29.3706



37.8880, 44.4976, 56.4612

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.



29.4907, 33.6577, 51.5910



36.7507, 33.6577, 29.3706



26.9793, 33.6577, 36.9168

Square

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



36.7507, 33.6577, 29.3706



29.3371, 33.6577, 25.1185



27.6604, 33.6577, 45.0369



34.7996, 33.6577, 51.2543

Rectangle

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



36.7507, 33.6577, 29.3706



32.8255, 33.6577, 23.6079



27.6604, 33.6577, 45.0369



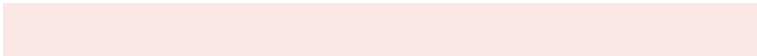
31.1701, 33.6577, 53.7751

Sweetspot

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



36.7516, 33.6593, 29.3713



82.5761, 83.8486, 86.6274



40.0647, 33.5423, 51.2643



17.4060, 17.5478, 17.9321



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.



36.7516, 33.6593, 29.3713



62.7910, 55.5117, 45.4019



41.0728, 42.3016, 30.8117



10.1648, 10.2610, 10.5067



14.8528, 7.9914, 0.7597



0.6736, 0.4089, 0.0434

Inverse Universe

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



37.8880, 44.4976, 56.4612



65.1593, 78.1479, 102.0101



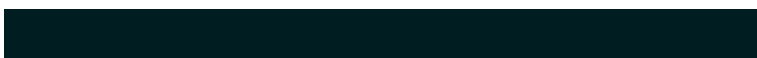
33.0399, 34.8015, 54.8451



10.2661, 11.2234, 12.9101



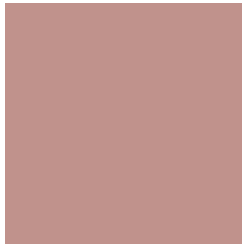
16.0903, 21.9371, 36.9428



0.7239, 1.0053, 1.6058

Previews

White Background



This preview shows how the XYZ color 36.7507, 33.6577, 29.3706 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 36.7507, 33.6577, 29.3706 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 36.7507, 33.6577, 29.3706

Background



This preview shows how black text looks on a background with the XYZ color 36.7507, 33.6577, 29.3706.



This preview shows how white text looks on a background with the XYZ color 36.7507, 33.6577,

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

36.7507, 33.6577, 29.3706

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.3172, 33.5810, 29.0992



Tritanopia

38.1378, 33.7824, 35.5209

Trichromacy



Original Color

36.7507, 33.6577, 29.3706

Protanomaly

33.8808, 33.7948, 31.1229

Deuteranomaly

35.1748, 33.5493, 29.0479

Tritanomaly

37.6227, 33.7903, 33.3934

Monochromacy



Original Color

36.7507, 33.6577, 29.3706

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0177, 34.0361, 34.4825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7507, 33.6577, 29.3706 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(192, 146, 140)` looks like.

```
.text, #text, p{  
    color:rgb(192, 146, 140)  
}
```

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(192, 146, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 146, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.7507, 33.6577, 29.3706 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(192, 146, 140) }
```


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

```
.border{ border-color:rgb(192, 146, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 146, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 146, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 146, 140);  
box-shadow:4px 4px 4px 4px rgb(192, 146,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7507, 33.6577, 29.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 146, 140) }
```

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

```
.background{ background-color: rgb(192,  
146, 140) }
```

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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