

Converting Colors

XYZ(36.6746, 36.6278, 36.1473)

Have a look what the booklet for
XYZ(36.6746, 36.6278, 36.1473)
contains.

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Color

**XYZ(36.6746, 36.6278,
36.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	B29F9B
RGB	178, 159, 155
RGB Percent	70%, 62%, 61%
CMY	0.3020, 0.3765, 0.3922
CMYK	0.00, 0.11, 0.13, 0.30
HSL	10°, 13%, 65%
HSV	10°, 13%, 70%
XYZ	36.6746, 36.6278, 36.1473
YIQ	164.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

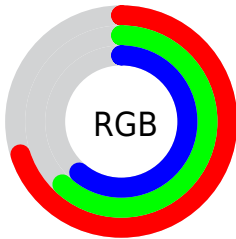
Format	Color
RYB	178, 160, 155
Decimal	11706267
CIELab	67.00, 6.26, 4.61
CIELCh	67, 7.780, 36.370
Yxy	36.6278, 0.3351, 0.3347
Android (android.graphics.Color)	4289896347 (0xFFB29F9B)
YUV	164.2250, -4.5479, 12.0807
Hunter-Lab	60.5209, 2.2563, 6.9525

Details

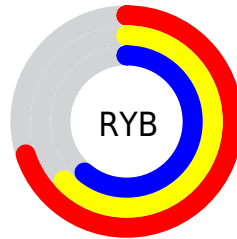
The XYZ color **36.6746, 36.6278, 36.1473** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6893, 40.4542, 47.9945**, and the grayscale version is **35.4113, 37.2555, 40.5712**.

A 20% lighter version of the original color is **69.4869, 70.1890, 70.2071**, and **16.3187, 16.0846, 15.3412** is the 20% darker color. If you saturate the color by 10%, you get **32.9092, 31.3153, 28.0526**, and if you desaturate by 10%, it is **40.9632, 42.6332, 45.5045**.

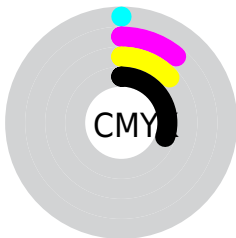
Distribution



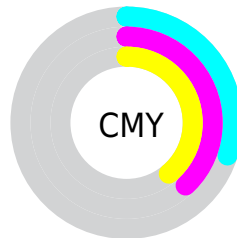
- Red (70%)
- Green (62%)
- Blue (61%)



- Red (70%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (30%)



- Cyan (30%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6746, 36.6278, 36.1473 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 36.6746, 36.6278, 36.1473 by changing the saturation by 10% instead.

■ 36.6746, 36.6278,
36.1473

■ 36.6746, 36.6278,
36.1473

323.2796,
331.6963, 344.6608

■ 25.1282, 24.9194,
24.2574

■ 69.3891, 70.0000,
70.4310

■ 16.3018, 16.0170,
15.3107

■ 91.2879, 92.4326,
93.6618

■ 9.8302, 9.5362,
8.8887

117.3682,
119.2087, 121.5100

■ 5.3479, 5.0926,
4.5728

147.9954,
150.7128, 154.3941

■ 2.4896, 2.3017,
1.9446

183.5347,
187.3292, 192.7327

■ 0.8900, 0.7746,
0.5209

224.3516,

■ 0.0000, 0.0000,

229.4423, 236.9444

0.0000

270.8115,
277.4365, 287.4475

■ 36.6746, 36.6278,
36.1473

■ 36.6746, 36.6278,
36.1473

■ 32.9092, 31.3153,
28.0526

■ 40.9632, 42.6332,
45.5045

■ 29.6438, 26.6658,
21.1640

■ 45.7909, 49.3502,
56.1726

■ 26.8579, 22.6548,
15.4242

■ 51.1768, 56.8027,
68.2005

■ 24.5288, 19.2542,
10.7703

■ 57.1380, 65.0124,
81.6337

■ 22.6312, 16.4336,
7.1336

■ 63.6910, 73.9997,
96.5157

■ 21.1380, 14.1603,
4.4372

■ 69.7370, 83.3385,
107.0182

■ 20.0183, 12.3980,
2.5933

■ 72.1702, 88.2050,
107.8292

■ 19.2368, 11.1060,
1.4972

■ 18.8497, 10.4441,
1.0224

Harmonies

Analogous

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



37.1199, 36.6278, 39.1641



36.6746, 36.6278, 36.1473



35.7319, 36.6278, 34.2142

Triad

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



36.6746, 36.6278, 36.1473



32.7741, 36.6278, 37.3307



35.0662, 36.6278, 46.7013

Complementary

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



36.6746, 36.6278, 36.1473



36.6893, 40.4542, 47.9945

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.



33.9112, 36.6278, 46.1423



36.6746, 36.6278, 36.1473



32.6049, 36.6278, 40.6075

Square

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



36.6746, 36.6278, 36.1473



33.4841, 36.6278, 34.8699



33.0167, 36.6278, 43.8643



36.1779, 36.6278, 45.3515

Rectangle

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



36.6746, 36.6278, 36.1473



34.9576, 36.6278, 33.7358



33.0167, 36.6278, 43.8643



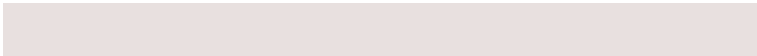
34.6700, 36.6278, 46.7315

Sweetspot

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



36.6756, 36.6294, 36.1481



73.3418, 75.9971, 80.4515



37.7381, 35.9707, 45.0840



16.1144, 16.6492, 17.5291



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.6756, 36.6294, 36.1481



64.1128, 63.0535, 60.3750



38.7142, 40.7065, 36.8276



8.6120, 8.7365, 8.8849



13.5204, 7.5393, 0.7426



0.4615, 0.3094, 0.0354

Inverse Universe

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



36.6893, 40.4542, 47.9945



64.1425, 71.5895, 86.8187



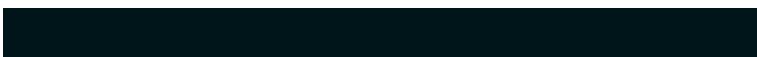
34.5920, 36.2596, 47.2954



8.6143, 9.3749, 10.8618



13.2580, 17.3163, 32.7806



0.4502, 0.6110, 1.0424

Previews

White Background



This preview shows how the XYZ color 36.6746, 36.6278, 36.1473 looks on a white background.

Color Contrast Check

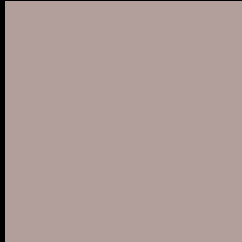
Large Text (above 18pt) WCAG AA × Fail

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 36.6746, 36.6278, 36.1473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

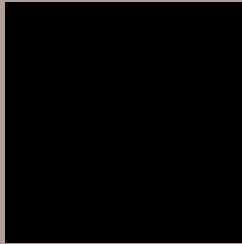
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6746, 36.6278, 36.1473

Background



This preview shows how black text looks on a background with the XYZ color 36.6746, 36.6278, 36.1473.



This preview shows how white text looks on a background with the XYZ color 36.6746, 36.6278,

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

36.6746, 36.6278, 36.1473

Protanopia

34.9425, 36.4905, 37.1000

Deuteranopia

37.4347, 36.7654, 36.1338



Tritanopia

38.0408, 36.6818, 42.6114

Trichromacy



Original Color

36.6746, 36.6278, 36.1473

Protanomaly

35.5402, 36.5480, 36.6338

Deuteranomaly

37.1993, 36.6440, 36.1227

Tritanomaly

37.5181, 36.7178, 40.2318

Monochromacy



Original Color

36.6746, 36.6278, 36.1473

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7155, 36.8489, 38.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6746, 36.6278, 36.1473 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(178, 159, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 155)  
}
```

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(178, 159, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.6746, 36.6278, 36.1473 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(178, 159, 155) }
```


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

```
.border{ border-color:rgb(178, 159, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 159, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 159, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 159, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 159,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6746, 36.6278, 36.1473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 155) }
```

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

```
.background{ background-color: rgb(178,  
159, 155) }
```

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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