

Converting Colors

XYZ(36.5641, 36.3612, 38.5219)

Have a look what the booklet for
XYZ(36.5641, 36.3612, 38.5219)
contains.

XYZ(36.4765, 36.2219, 38.3267)	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(36.4765, 36.2219,
38.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	B09EA0
RGB	176, 158, 160
RGB Percent	69%, 62%, 63%
CMY	0.3098, 0.3804, 0.3725
CMYK	0.00, 0.10, 0.09, 0.31
HSL	353°, 10%, 65%
HSV	353°, 10%, 69%
XYZ	36.4765, 36.2219, 38.3267
YIQ	163.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

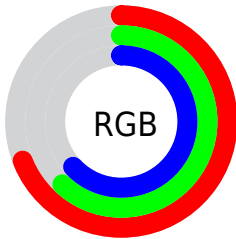
Format	Color
RYB	176, 158, 160
Decimal	11574944
CIELab	66.69, 6.93, 1.35
CIELCh	67, 7.065, 11.047
Yxy	36.2219, 0.3285, 0.3262
Android (android.graphics.Color)	4289765024 (0xFFB09EA0)
YUV	163.6100, -1.7797, 10.8660
Hunter-Lab	60.1846, 2.8616, 4.3723

Details

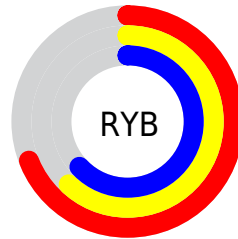
The XYZ color **36.4765, 36.2219, 38.3267** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2672, 41.3766, 46.0687**, and the grayscale version is **35.1070, 36.9353, 40.2226**.

A 20% lighter version of the original color is **69.3387, 69.6506, 74.0793**, and **16.1864, 15.8305, 16.6705** is the 20% darker color. If you saturate the color by 10%, you get **32.4031, 30.1292, 30.6353**, and if you desaturate by 10%, it is **41.1543, 43.2466, 47.0705**.

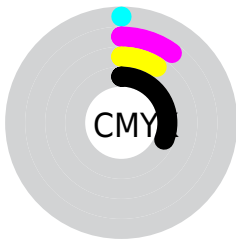
Distribution



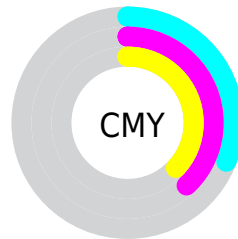
- Red (69%)
- Green (62%)
- Blue (63%)



- Red (69%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4765, 36.2219, 38.3267 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 36.4765, 36.2219, 38.3267 by changing the saturation by 10% instead.


 36.4765, 36.2219,
38.3267


 36.4765, 36.2219,
38.3267


322.4335,
329.9294, 354.3595

 24.9742, 24.6056,
25.9326


 69.0860, 69.3744,
73.8176

 16.1865, 15.7835,
16.5479

 90.9239, 91.6795,
97.7514

 9.7479, 9.3711,
9.7541


116.9378,
118.3162, 126.3688

 5.2931, 4.9840,
5.1328

147.4929,
149.6691, 160.0884

 2.4568, 2.2379,
2.2653

182.9547,
186.1224, 199.3288

 0.8735, 0.7405,
0.7117

223.6885,

 0.0000, 0.0000,

228.0606, 244.5084

0.0000

270.0596,
275.8682, 296.0458

■ 36.4765, 36.2219,
38.3267

■ 36.4765, 36.2219,
38.3267

■ 32.4031, 30.1292,
30.6353

■ 41.1543, 43.2466,
47.0705

■ 28.9063, 24.9248,
23.9542

■ 46.4564, 51.2352,
56.9019

■ 25.9610, 20.5686,
18.2421

■ 52.4059, 60.2239,
67.8572

■ 23.5389, 17.0156,
13.4539

■ 59.0236, 70.2455,
79.9706

■ 21.6091, 14.2166,
9.5409

■ 66.3294, 81.3316,
93.2746

■ 20.1376, 12.1171,
6.4499

■ 71.5356, 87.8986,
106.8650

■ 19.0859, 10.6551,
4.1218

■ 71.7147, 87.9702,
107.8079

■ 18.4090, 9.7577,
2.4895

■ 18.0268, 9.2790,
1.4809

Harmonies

Analogous

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



36.4006, 36.2219, 41.3747



36.4765, 36.2219, 38.3267



35.9950, 36.2219, 35.7132

Triad

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



36.4765, 36.2219, 38.3267



33.1009, 36.2219, 35.1808



33.7672, 36.2219, 45.2488

Complementary

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



36.4765, 36.2219, 38.3267



37.2672, 41.3766, 46.0687

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.



32.9068, 36.2219, 43.4163



36.4765, 36.2219, 38.3267



32.5276, 36.2219, 37.5656

Square

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



36.4765, 36.2219, 38.3267



34.0370, 36.2219, 33.9603



32.4573, 36.2219, 40.5736



34.8216, 36.2219, 45.4785

Rectangle

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



36.4765, 36.2219, 38.3267



35.4284, 36.2219, 34.5284



32.4573, 36.2219, 40.5736



33.4462, 36.2219, 44.7955

Sweetspot

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



36.4775, 36.2235, 38.3275



72.1283, 74.6584, 80.6891



37.4977, 36.5771, 46.1584



15.4817, 15.9548, 17.2072



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.4775, 36.2235, 38.3275



64.6054, 63.3712, 66.5943



37.5142, 38.5742, 37.8181



8.5334, 8.5201, 9.0415



13.2379, 6.8127, 1.1466



0.4288, 0.2193, 0.1010

Inverse Universe

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



36.4775, 36.2235, 38.3275



64.6054, 63.3712, 66.5943



36.1449, 38.8181, 46.6623



8.5334, 8.5201, 9.0415



13.2379, 6.8127, 1.1466



0.4288, 0.2193, 0.1010

Previews

White Background



This preview shows how the XYZ color 36.4765, 36.2219, 38.3267 looks on a white background.

Color Contrast Check

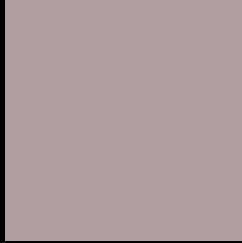
Large Text (above 18pt) WCAG AA × Fail

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 36.4765, 36.2219, 38.3267 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 36.4765, 36.2219, 38.3267

Background



This preview shows how black text looks on a background with the XYZ color 36.4765, 36.2219, 38.3267.



This preview shows how white text looks on a background with the XYZ color 36.4765, 36.2219,

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

36.4765, 36.2219, 38.3267

Protanopia

34.9590, 36.4486, 39.3752

Deuteranopia

36.9925, 36.2357, 38.3022



Tritanopia

37.3499, 36.3256, 42.5791

Trichromacy



Original Color

36.4765, 36.2219, 38.3267

Protanomaly

35.5401, 36.4980, 38.8899

Deuteranomaly

36.7622, 36.1170, 38.2914

Tritanomaly

37.0714, 36.2142, 41.1126

Monochromacy



Original Color

36.4765, 36.2219, 38.3267

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6796, 36.8098, 39.8748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4765, 36.2219, 38.3267 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(176, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 160)  
}
```

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(176, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.4765, 36.2219, 38.3267 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(176, 158, 160) }
```


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

```
.border{ border-color:rgb(176, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 158,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4765, 36.2219, 38.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 160) }
```

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

```
.background{ background-color: rgb(176,  
158, 160) }
```

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