

Converting Colors

XYZ(36.1221, 38.7778, 46.6505)

Have a look what the booklet for
XYZ(36.1221, 38.7778, 46.6505)
contains.

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Color

**XYZ(36.1250, 38.7796,
46.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA9B0
RGB	158, 169, 176
RGB Percent	62%, 66%, 69%
CMY	0.3804, 0.3372, 0.3098
CMYK	0.10, 0.04, 0.00, 0.31
HSL	203°, 10%, 65%
HSV	203°, 10%, 69%
XYZ	36.1250, 38.7796, 46.6555
YIQ	166.5090, -8.8030, -0.1550

Conversions

Conversions Part 2

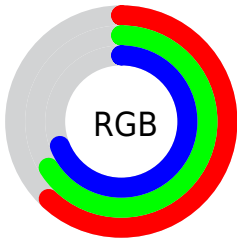
Format	Color
R _Y B	158, 165, 176
Decimal	10398128
CIE Lab	68.59, -2.44, -4.93
CIE LCh	69, 5.502, 243.719
Yxy	38.7796, 0.2972, 0.3190
Android (android.graphics.Color)	4288588208 (0xFF9EA9B0)
YUV	166.5090, 4.6791, -7.4624
Hunter-Lab	62.2733, -5.4296, -0.8291

Details

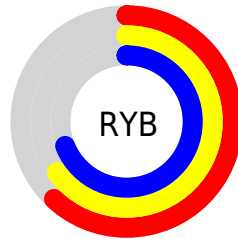
The XYZ color **36.1250, 38.7796, 46.6555** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5314, 38.6089, 37.8226**, and the grayscale version is **36.4739, 38.3734, 41.7886**.

A 20% lighter version of the original color is **68.6617, 73.2836, 86.8702**, and **16.0628, 17.3036, 21.5621** is the 20% darker color. If you saturate the color by 10%, you get **31.6684, 34.6427, 46.0925**, and if you desaturate by 10%, it is **41.1463, 43.3087, 47.2656**.

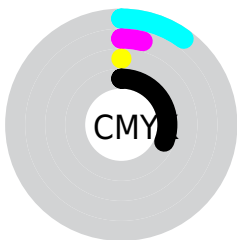
Distribution



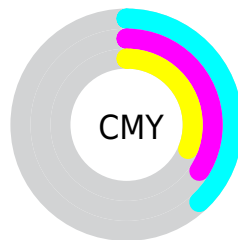
- Red (62%)
- Green (66%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1250, 38.7796, 46.6555 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 36.1250, 38.7796, 46.6555 by changing the saturation by 10% instead.

■ 36.1250, 38.7796,
46.6555

■ 36.1250, 38.7796,
46.6555

320.9283,
340.9525, 389.7916

■ 24.7013, 26.5883,
32.4110

■ 68.5476, 73.3015,
86.5438

■ 15.9822, 17.2643,
21.4082

■ 90.2771, 96.4009,
113.0246

■ 9.6023, 10.4231,
13.2286

116.1727,
123.9051, 144.4213

■ 5.1963, 5.6804,
7.4536

146.5997,
156.1986, 181.1524

■ 2.3988, 2.6517,
3.6646

181.9234,
193.6657, 223.6364

■ 0.8445, 0.9527,
1.4432

222.5091,

■ 0.0000, 0.0000,

236.6908, 272.2920

0.1751

268.7223,
285.6582, 327.5375

■ 0.0000, 0.0000,
0.0000

■ 36.1250, 38.7796,
46.6555

■ 36.1250, 38.7796,
46.6555

■ 31.6684, 34.6427,
46.0925

■ 41.1463, 43.3087,
47.2656

■ 27.7512, 30.8801,
45.5727

■ 46.7496, 48.2371,
47.9216

■ 24.3509, 27.4799,
45.0956

■ 52.9557, 53.5780,
48.6254

■ 21.4422, 24.4275,
44.6597

■ 59.7833, 59.3425,
49.3782

■ 18.9976, 21.7070,
44.2635

■ 67.2500, 65.5411,
50.1811

■ 16.9862, 19.3009,
43.9051

■ 72.1372, 70.5158,
50.8838

■ 15.3736, 17.1896,
43.5825

■ 73.8634, 73.9682,
51.4592

■ 14.1188, 15.3505,
43.2937

■ 75.6627, 77.5668,
52.0589

■ 13.1549, 13.7713,
43.0397

■ 77.5360, 81.3134,
52.6834

Harmonies

Analogous

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



35.4884, 38.7796, 44.9330



36.1250, 38.7796, 46.6555



36.9672, 38.7796, 47.1746

Triad

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



36.1250, 38.7796, 46.6555



38.5490, 38.7796, 41.9152



35.9404, 38.7796, 38.3732

Complementary

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



36.1250, 38.7796, 46.6555



37.5314, 38.6089, 37.8226

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.



36.7507, 38.7796, 37.6332



36.1250, 38.7796, 46.6555



38.2642, 38.7796, 39.6269

Square

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



36.1250, 38.7796, 46.6555



38.3752, 38.7796, 44.3757



37.6026, 38.7796, 38.0831



35.3830, 38.7796, 40.1437

Rectangle

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



36.1250, 38.7796, 46.6555



37.5341, 38.7796, 46.7521



37.6026, 38.7796, 38.0831



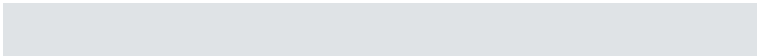
36.1917, 38.7796, 37.9989

Sweetspot

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



36.1261, 38.7812, 46.6564



71.9465, 76.1536, 85.4024



36.4090, 41.0334, 41.5516



15.4318, 16.3599, 18.4888



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.



36.1261, 38.7812, 46.6564



63.8368, 68.7915, 84.4088



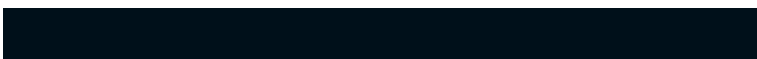
34.5259, 35.5808, 46.1229



8.4597, 9.0657, 10.8103



9.7099, 10.2203, 31.5979



0.3601, 0.4308, 1.0124

Inverse Universe

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



37.2937, 36.5492, 42.6271



66.3431, 64.0663, 75.7449



39.1934, 41.9329, 38.3766



8.7072, 8.5896, 9.9568



15.1358, 7.5719, 11.1409



0.5038, 0.2493, 0.4957

Previews

White Background



This preview shows how the XYZ color 36.1250, 38.7796, 46.6555 looks on a white background.

Color Contrast Check

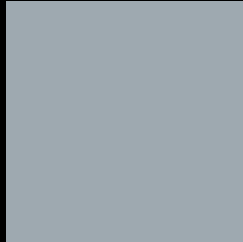
Large Text (above 18pt) WCAG AA × Fail

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 36.1250, 38.7796, 46.6555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

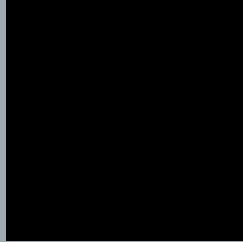
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

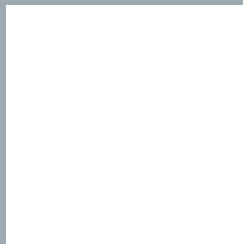
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1250, 38.7796, 46.6555

Background



This preview shows how black text looks on a background with the XYZ color 36.1250, 38.7796, 46.6555.



This preview shows how white text looks on a background with the XYZ color 36.1250, 38.7796,

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

36.1250, 38.7796, 46.6555

Protanopia

37.4246, 38.6533, 45.5327

Deuteranopia

39.4465, 38.5987, 46.9662



Tritanopia

36.6412, 38.7124, 49.2571

Trichromacy



Original Color

36.1250, 38.7796, 46.6555

Protanomaly

36.8664, 38.6251, 46.0698

Deuteranomaly

38.1855, 38.7425, 47.0604

Tritanomaly

36.4374, 38.6309, 48.1839

Monochromacy



Original Color

36.1250, 38.7796, 46.6555

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5682, 38.8001, 43.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1250, 38.7796, 46.6555 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(158, 169, 176)` looks like.

```
.text, #text, p{  
    color:rgb(158, 169, 176)  
}
```

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(158, 169, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 169, 176) }
```

Border

The CSS property to change the border of an element to XYZ 36.1250, 38.7796, 46.6555 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(158, 169, 176) }
```


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

```
.border{ border-color:rgb(158, 169, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 169, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 169, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 169, 176);  
box-shadow:4px 4px 4px 4px rgb(158, 169,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1250, 38.7796, 46.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 169, 176) }
```

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

```
.background{ background-color: rgb(158,  
169, 176) }
```

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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