

Converting Colors

XYZ(28.5997, 35.5037, 38.0590)

Have a look what the booklet for
XYZ(28.5997, 35.5037, 38.0590)
contains.

XYZ(28.7061, 35.6940, 38.1775)	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(28.7061, 35.6940,
38.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	79AB9F
RGB	121, 171, 159
RGB Percent	47%, 67%, 62%
CMY	0.5255, 0.3294, 0.3765
CMYK	0.29, 0.00, 0.07, 0.33
HSL	166°, 23%, 57%
HSV	166°, 29%, 67%
XYZ	28.7061, 35.6940, 38.1775
YIQ	154.6820, -25.9480, -14.3320

Conversions

Conversions Part 2

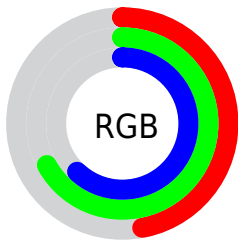
Format	Color
RYB	121, 149, 171
Decimal	7973791
CIELab	66.29, -19.21, 0.84
CIElCh	66, 19.231, 177.493
Yxy	35.6940, 0.2798, 0.3480
Android (android.graphics.Color)	4286163871 (0xFF79AB9F)
YUV	154.6820, 2.1288, -29.5391
Hunter-Lab	59.7445, -18.7869, 3.9340

Details

The XYZ color **28.7061, 35.6940, 38.1775** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8669, 24.0271, 25.3608**, and the grayscale version is **31.0152, 32.6304, 35.5345**.

A 20% lighter version of the original color is **57.0132, 68.3617, 73.8085**, and **11.8294, 15.5785, 16.5708** is the 20% darker color. If you saturate the color by 10%, you get **26.1688, 34.4274, 36.2307**, and if you desaturate by 10%, it is **31.6821, 37.1873, 40.2081**.

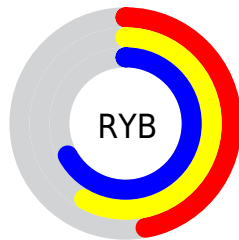
Distribution



Red (47%)

Green (67%)

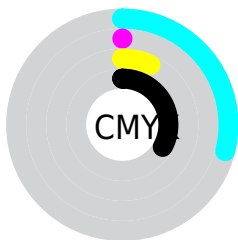
Blue (62%)



Red (47%)

Yellow (58%)

Blue (67%)

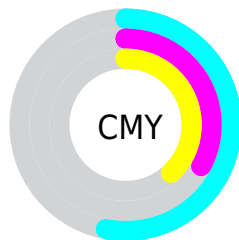


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7061, 35.6940, 38.1775 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 28.7061, 35.6940, 38.1775 by changing the saturation by 10% instead.

■ 28.7061, 35.6940,
38.1775

■ 28.7061, 35.6940,
38.1775

287.8450,
327.6211, 353.7018

■ 19.0018, 24.1980,
25.8176

■ 57.0106, 68.5595,
73.5866

■ 11.7756, 15.4805,
16.4627

■ 76.3415, 90.6978,
97.4728

■ 6.6622, 9.1573,
9.6943

■ 99.6119, 117.1522,
126.0382

■ 3.2962, 4.8439,
5.0938

127.1873,
148.3072, 159.7013

■ 1.3122, 2.1560,
2.2427

159.4329,
184.5472, 198.8807

■ 0.1924, 0.6958,
0.6988

196.7142,

■ 0.0000, 0.0000,

226.2566, 243.9948

0.0000

239.3964,
273.8198, 295.4624

■ 28.7061, 35.6940,
38.1775

■ 28.7061, 35.6940,
38.1775

■ 26.1688, 34.4274,
36.2307

■ 31.6821, 37.1873,
40.2081

■ 24.0445, 33.3714,
34.3636

■ 35.1146, 38.9136,
42.3217

■ 22.3098, 32.5149,
32.5753

■ 39.0242, 40.8844,
44.5206

■ 20.9372, 31.8438,
30.8639

■ 43.4293, 43.1093,
46.8061

■ 19.8959, 31.3421,
29.2274

■ 48.3471, 45.5971,
49.1796

■ 19.1497, 30.9913,
27.6634

■ 53.7944, 48.3564,
51.6426

■ 18.6271, 30.7544,
26.1680

■ 59.7869, 51.3953,
54.1961

■ 18.5899, 30.7376,
26.0568

■ 65.3002, 54.1858,
56.7930

■ 65.7610, 54.3701,
59.2195

Harmonies

Analogous

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



29.4817, 35.6940, 30.9750



28.7061, 35.6940, 38.1775



29.2625, 35.6940, 46.6269

Triad

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



28.7061, 35.6940, 38.1775



36.5380, 35.6940, 54.6378



36.9790, 35.6940, 27.0018

Complementary

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



28.7061, 35.6940, 38.1775



27.8669, 24.0271, 25.3608

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.



39.0606, 35.6940, 32.0157



28.7061, 35.6940, 38.1775



38.7960, 35.6940, 47.9918

Square

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



28.7061, 35.6940, 38.1775



33.6853, 35.6940, 56.8890



39.7433, 35.6940, 39.5601



34.1680, 35.6940, 25.1169

Rectangle

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



28.7061, 35.6940, 38.1775



30.3323, 35.6940, 51.7188



39.7433, 35.6940, 39.5601



37.7931, 35.6940, 28.3391

Sweetspot

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



28.7071, 35.6955, 38.1783



62.9389, 69.7160, 75.8240



27.7673, 35.5352, 23.4853



13.8292, 15.4430, 16.7870



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.7071, 35.6955, 38.1783



48.4232, 62.4323, 66.1307



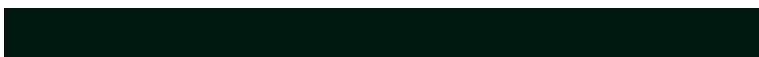
27.5493, 31.6312, 43.1832



8.1529, 9.0387, 9.8301



14.0347, 23.1792, 19.7544



0.4101, 0.6527, 0.6530

Inverse Universe

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



27.8669, 24.0271, 25.3608



46.6788, 38.1525, 39.4796



28.7031, 26.9518, 21.7792



8.0811, 8.0457, 8.7380



12.9808, 6.6549, 2.2785



0.3824, 0.1936, 0.1754

Previews

White Background



This preview shows how the XYZ color 28.7061, 35.6940, 38.1775 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 28.7061, 35.6940, 38.1775 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

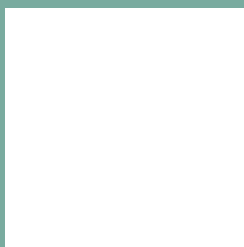
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7061, 35.6940, 38.1775

Background



This preview shows how black text looks on a background with the XYZ color 28.7061, 35.6940, 38.1775.

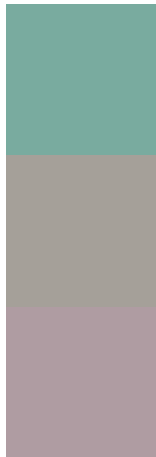


This preview shows how white text looks on a background with the XYZ color 28.7061, 35.6940,

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

28.7061, 35.6940, 38.1775

Protanopia

33.8376, 35.4409, 35.1943

Deuteranopia

36.0893, 35.4995, 39.1324



Tritanopia

30.9473, 35.7771, 48.9906

Trichromacy



Original Color

28.7061, 35.6940, 38.1775

Protanomaly

31.5863, 35.3070, 36.1605

Deuteranomaly

32.6955, 35.0315, 38.7567

Tritanomaly

30.0430, 35.6782, 44.8383

Monochromacy



Original Color

28.7061, 35.6940, 38.1775

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.0733, 33.7297, 36.3779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7061, 35.6940, 38.1775 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(121, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 171, 159)  
}
```

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(121, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 171, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.7061, 35.6940, 38.1775 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(121, 171, 159) }
```


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

```
.border{ border-color:rgb(121, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(121, 171,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7061, 35.6940, 38.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 171, 159) }
```

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

```
.background{ background-color: rgb(121,  
171, 159) }
```

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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