

Converting Colors

XYZ(28.7441, 34.5316, 39.0556)

Have a look what the booklet for
XYZ(28.7441, 34.5316, 39.0556)
contains.

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Color

**XYZ(28.7092, 34.5706,
38.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA7A1
RGB	125, 167, 161
RGB Percent	49%, 65%, 63%
CMY	0.5098, 0.3451, 0.3686
CMYK	0.25, 0.00, 0.04, 0.35
HSL	171°, 19%, 57%
HSV	171°, 25%, 65%
XYZ	28.7092, 34.5706, 38.8779
YIQ	153.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

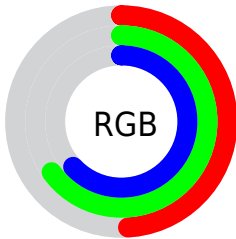
Format	Color
RYB	125, 148, 167
Decimal	8234913
CIELab	65.41, -15.44, -1.52
CIElCh	65, 15.515, 185.624
Yxy	34.5706, 0.2810, 0.3384
Android (android.graphics.Color)	4286424993 (0xFF7DA7A1)
YUV	153.7580, 3.5703, -25.2208
Hunter-Lab	58.7968, -15.7366, 1.9537

Details

The XYZ color **28.7092, 34.5706, 38.8779** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.3679, 24.5224, 24.7650**, and the grayscale version is **30.6020, 32.1957, 35.0611**.

A 20% lighter version of the original color is **57.1064, 66.7841, 74.8465**, and **11.8469, 14.8831, 17.0002** is the 20% darker color. If you saturate the color by 10%, you get **26.2650, 33.3356, 37.6760**, and if you desaturate by 10%, it is **31.5693, 36.0214, 40.1217**.

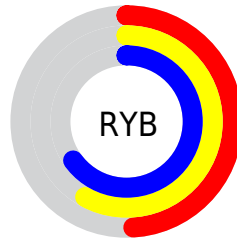
Distribution



Red (49%)

Green (65%)

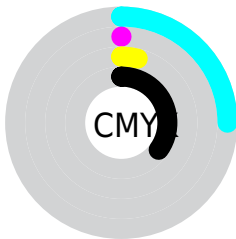
Blue (63%)



Red (49%)

Yellow (58%)

Blue (65%)

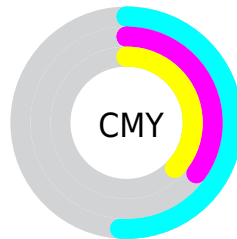


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7092, 34.5706, 38.8779 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 28.7092, 34.5706, 38.8779 by changing the saturation by 10% instead.

■ 28.7092, 34.5706,
38.8779

■ 28.7092, 34.5706,
38.8779

287.8594,
322.6689, 356.7815

■ 19.0041, 23.3323,
26.3577

■ 57.0155, 66.8200,
74.6700

■ 11.7773, 14.8391,
16.8632

■ 76.3474, 88.5999,
98.7790

■ 6.6633, 8.7065,
9.9761

■ 99.6190, 114.6625,
127.5880

■ 3.2969, 4.5503,
5.2777

127.1957,
145.3921, 161.5155

■ 1.3126, 1.9859,
2.3495

159.4426,
181.1731, 200.9800

■ 0.1927, 0.5992,
0.7588

196.7254,

■ 0.0000, 0.0000,

222.3900, 246.4002

0.0000

239.4092,
269.4272, 298.1945

■ 28.7092, 34.5706,
38.8779

■ 28.7092, 34.5706,
38.8779

■ 26.2650, 33.3356,
37.6760

■ 31.5693, 36.0214,
40.1217

■ 24.2133, 32.3015,
36.5126

■ 34.8614, 37.6935,
41.4061

■ 22.5328, 31.4583,
35.3873

■ 38.6045, 39.5977,
42.7328

■ 21.1989, 30.7934,
34.2988

■ 42.8154, 41.7425,
44.1027

■ 20.1842, 30.2925,
33.2458

■ 47.5100, 44.1362,
45.5166

■ 19.4569, 29.9394,
32.2267

■ 52.7036, 46.7867,
46.9755

■ 18.9774, 29.7136,
31.2394

■ 58.4109, 49.7015,
48.4800

■ 18.7877, 29.6260,
30.7698

■ 63.3070, 52.1977,
49.9683

■ 63.5525, 52.2959,
51.2608

Harmonies

Analogous

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



29.0464, 34.5706, 32.7215



28.7092, 34.5706, 38.8779



29.4416, 34.5706, 45.3894

Triad

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



28.7092, 34.5706, 38.8779



35.4627, 34.5706, 48.7259



34.6901, 34.5706, 27.3790

Complementary

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



28.7092, 34.5706, 38.8779



27.3679, 24.5224, 24.7650

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.



36.5297, 34.5706, 30.8296



28.7092, 34.5706, 38.8779



36.9899, 34.5706, 43.0315

Square

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



28.7092, 34.5706, 38.8779



33.2872, 34.5706, 51.4792



37.3891, 34.5706, 36.4316



32.4331, 34.5706, 26.5364

Rectangle

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



28.7092, 34.5706, 38.8779



30.4585, 34.5706, 48.9113



37.3891, 34.5706, 36.4316



35.3810, 34.5706, 28.2512

Sweetspot

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



28.7102, 34.5720, 38.8787



60.5830, 66.5642, 73.4558



26.9281, 33.9688, 24.5401



13.3607, 14.7959, 16.3623



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.7102, 34.5720, 38.8787



48.9645, 60.6732, 68.4558



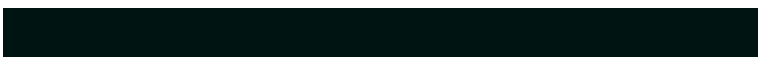
26.7105, 29.7052, 40.8867



7.7008, 8.5133, 9.4104



14.3897, 22.6746, 23.6167



0.3623, 0.5565, 0.6388

Inverse Universe

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



27.3679, 24.5224, 24.7650



46.1592, 39.6545, 38.9474



28.9735, 28.3659, 23.3508



7.5732, 7.5591, 8.0695



12.3313, 6.3412, 1.2901



0.3127, 0.1593, 0.0980

Previews

White Background



This preview shows how the XYZ color 28.7092, 34.5706, 38.8779 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 28.7092, 34.5706, 38.8779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

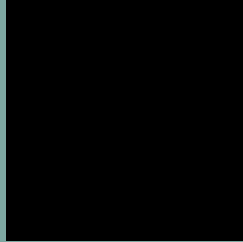
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7092, 34.5706, 38.8779

Background



This preview shows how black text looks on a background with the XYZ color 28.7092, 34.5706, 38.8779.



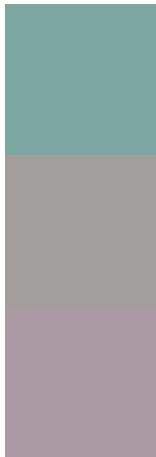
This preview shows how white text looks on a background with the XYZ color 28.7092, 34.5706,

38.8779.

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

28.7092, 34.5706, 38.8779

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

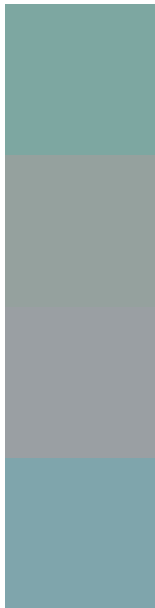
35.0510, 34.4495, 39.9240



Tritanopia

30.2134, 34.3545, 47.1581

Trichromacy



Original Color

28.7092, 34.5706, 38.8779

Protanomaly

31.3109, 34.3479, 37.3273

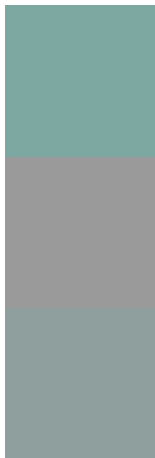
Deuteranomaly

32.3354, 34.3106, 39.5687

Tritanomaly

29.6539, 34.4009, 44.1068

Monochromacy



Original Color

28.7092, 34.5706, 38.8779

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8116, 33.0702, 36.7102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7092, 34.5706, 38.8779 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(125, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 161)  
}
```

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(125, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.7092, 34.5706, 38.8779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

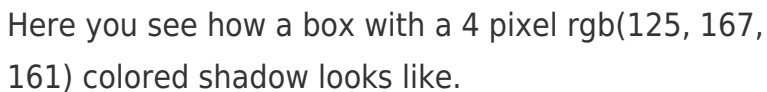
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 167, 161) }
```


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

```
.border{ border-color:rgb(125, 167, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7092, 34.5706, 38.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 161) }
```

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

```
.background{ background-color: rgb(125,  
167, 161) }
```

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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