

Converting Colors

XYZ(21.0959, 28.8035, 37.7055)

Have a look what the booklet for
XYZ(21.0959, 28.8035, 37.7055)
contains.

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Color

**XYZ(21.0959, 28.8035,
37.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	41A0A0
RGB	65, 160, 160
RGB Percent	25%, 63%, 63%
CMY	0.7451, 0.3725, 0.3725
CMYK	0.59, 0.00, 0.00, 0.37
HSL	180°, 42%, 44%
HSV	180°, 59%, 63%
XYZ	21.0959, 28.8035, 37.7055
YIQ	131.5950, -56.6200, -20.1400

Conversions

Conversions Part 2

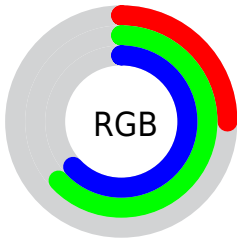
Format	Color
RYB	65, 113, 160
Decimal	4300960
CIELab	60.61, -27.48, -8.36
CIElCh	61, 28.720, 196.932
Yxy	28.8035, 0.2408, 0.3288
Android (android.graphics.Color)	4282491040 (0xFF41A0A0)
YUV	131.5950, 14.0037, -58.4038
Hunter-Lab	53.6689, -23.7567, -4.0864

Details

The XYZ color **21.0959, 28.8035, 37.7055** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.3425, 11.6366, 6.3339**, and the grayscale version is **21.7531, 22.8859, 24.9228**.

A 20% lighter version of the original color is **44.7346, 57.7181, 73.0729**, and **8.1229, 11.8293, 16.3232** is the 20% darker color. If you saturate the color by 10%, you get **20.1833, 28.3337, 37.6633**, and if you desaturate by 10%, it is **22.3102, 29.4302, 37.7631**.

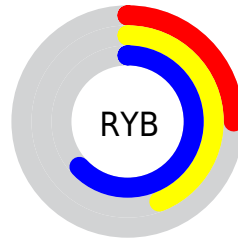
Distribution



Red (25%)

Green (63%)

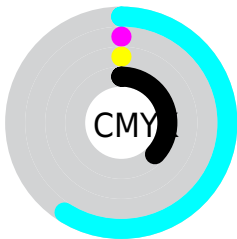
Blue (63%)



Red (25%)

Yellow (44%)

Blue (63%)

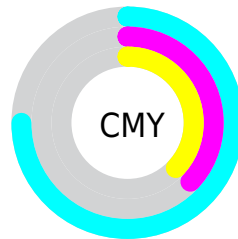


Cyan (59%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0959, 28.8035, 37.7055 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 21.0959, 28.8035, 37.7055 by changing the saturation by 10% instead.

■ 21.0959, 28.8035,
37.7055

■ 21.0959, 28.8035,
37.7055

250.5098,
296.2867, 351.6152

■ 13.3070, 18.9322,
25.4541

■ 44.7372, 57.7647,
72.8549

■ 7.7187, 11.6213,
16.1936

■ 61.3202, 77.6235,
96.5901

■ 3.9658, 6.4864,
9.5054

■ 81.5653, 101.5802,
124.9902

■ 1.6828, 3.1430,
4.9710

■ 105.8379,
130.0192, 158.4740

■ 0.4455, 1.2069,
2.1718

■ 134.5033,
163.3250, 197.4598

■ 0.0000, 0.0673,
0.6580

167.9268,

■ 0.0000, 0.0000,

201.8819, 242.3662

0.0000

206.4739,
246.0743, 293.6118

■ 21.0959, 28.8035,
37.7055

■ 21.0959, 28.8035,
37.7055

■ 20.1833, 28.3337,
37.6633

■ 22.3102, 29.4302,
37.7631

■ 19.5438, 28.0040,
37.6333

■ 23.8468, 30.2223,
37.8351

■ 19.1477, 27.7998,
37.6146

■ 25.7272, 31.1917,
37.9232

■ 18.9290, 27.6871,
37.6043

■ 27.9706, 32.3482,
38.0283

■ 18.9165, 27.6806,
37.6037

■ 30.5946, 33.7009,
38.1512

■ 33.6157, 35.2583,
38.2927

■ 37.0494, 37.0285,
38.4536

■ 40.9105, 39.0190,
38.6344

■ 45.2130, 41.2369,
38.8358

Harmonies

Analogous

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



20.9913, 28.8035, 26.9599



21.0959, 28.8035, 37.7055



22.7828, 28.8035, 48.8076

Triad

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



21.0959, 28.8035, 37.7055



32.9341, 28.8035, 47.5095



29.0241, 28.8035, 15.3567

Complementary

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



21.0959, 28.8035, 37.7055



17.3425, 11.6366, 6.3339

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.



32.5504, 28.8035, 18.6649



21.0959, 28.8035, 37.7055



34.9415, 28.8035, 36.2192

Square

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



21.0959, 28.8035, 37.7055



29.5104, 28.8035, 55.2871



34.7951, 28.8035, 25.7733



25.3487, 28.8035, 15.5795

Rectangle

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



21.0959, 28.8035, 37.7055



24.6722, 28.8035, 54.2012



34.7951, 28.8035, 25.7733



30.2723, 28.8035, 16.0541

Sweetspot

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



21.0968, 28.8046, 37.7062



51.2414, 58.9683, 69.0675



15.8120, 26.7030, 9.3224



10.9731, 12.7961, 15.1351



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.0968, 28.8046, 37.7062



36.2480, 51.2390, 68.3647



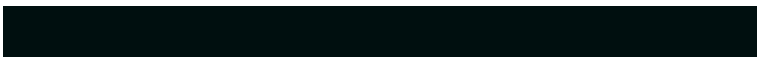
14.5527, 15.7163, 35.5255



6.8219, 7.5095, 8.4966



14.7351, 21.5620, 29.2916



0.2635, 0.3855, 0.5237

Inverse Universe

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



17.3425, 11.6366, 6.3339



28.8050, 17.2020, 6.1665



21.1277, 19.2070, 7.5954



6.6331, 6.6462, 6.9189



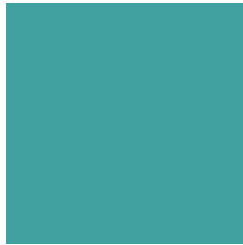
11.2931, 5.8218, 0.5286



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 21.0959, 28.8035, 37.7055 looks on a white background.

Color Contrast Check

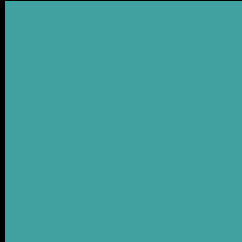
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0959, 28.8035, 37.7055 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 × Fail

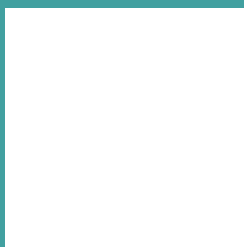
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0959, 28.8035, 37.7055

Background



This preview shows how black text looks on a background with the XYZ color 21.0959, 28.8035, 37.7055.

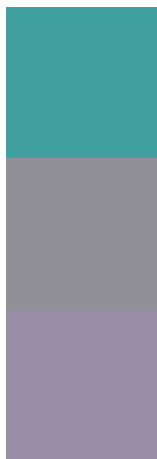


This preview shows how white text looks on a background with the XYZ color 21.0959, 28.8035,

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

21.0959, 28.8035, 37.7055

Protanopia

27.4132, 28.2919, 33.2942

Deuteranopia

28.9882, 28.3094, 39.0584



Tritanopia

22.1033, 28.6961, 42.9020

Trichromacy



Original Color

21.0959, 28.8035, 37.7055

Protanomaly

24.0752, 27.9277, 34.6935

Deuteranomaly

24.9465, 27.8172, 38.7048

Tritanomaly

21.7571, 28.8152, 40.9744

Monochromacy



Original Color

21.0959, 28.8035, 37.7055

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.7398, 24.4871, 29.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0959, 28.8035, 37.7055 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(65, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(65, 160, 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(65, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 160, 160) }
```

Border

The CSS property to change the border of an element to XYZ 21.0959, 28.8035, 37.7055 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(65, 160, 160) }
```


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

```
.border{ border-color:rgb(65, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(65, 160,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0959, 28.8035, 37.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 160, 160) }
```

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

```
.background{ background-color: rgb(65, 160,  
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](#).

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