

Converting Colors

XYZ(28.6600, 38.3796, 55.1883)

Have a look what the booklet for
XYZ(28.6600, 38.3796, 55.1883)
contains.

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Color

**XYZ(28.7305, 38.5571,
55.2182)**

Conversions

Conversions Part 1

Format	Color
Hex	47B6BF
RGB	71, 182, 191
RGB Percent	28%, 71%, 75%
CMY	0.7215, 0.2863, 0.2510
CMYK	0.63, 0.05, 0.00, 0.25
HSL	184°, 48%, 51%
HSV	184°, 63%, 75%
XYZ	28.7305, 38.5571, 55.2182
YIQ	149.8370, -69.0450, -20.7330

Conversions

Conversions Part 2

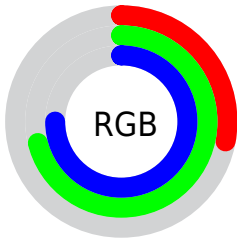
Format	Color
RYB	71, 129, 191
Decimal	4699839
CIELab	68.43, -28.36, -13.92
CIElCh	68, 31.592, 206.151
Yxy	38.5571, 0.2345, 0.3147
Android (android.graphics.Color)	4282889919 (0xFF47B6BF)
YUV	149.8370, 20.2934, -69.1400
Hunter-Lab	62.0944, -26.0748, -9.2583

Details

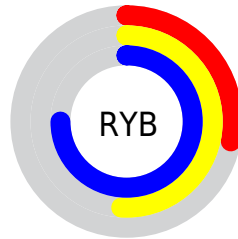
The XYZ color **28.7305, 38.5571, 55.2182** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.4928, 17.2697, 7.9522**, and the grayscale version is **28.8594, 30.3623, 33.0646**.

A 20% lighter version of the original color is **56.8788, 72.7700, 99.0439**, and **12.4377, 17.5355, 26.7739** is the 20% darker color. If you saturate the color by 10%, you get **27.2522, 37.3626, 55.0663**, and if you desaturate by 10%, it is **30.6544, 39.9874, 55.3936**.

Distribution



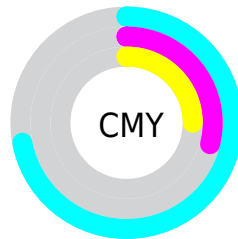
- Red (28%)
- Green (71%)
- Blue (75%)



- Red (28%)
- Yellow (51%)
- Blue (75%)



- Cyan (63%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (72%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7305, 38.5571, 55.2182 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 28.7305, 38.5571, 55.2182 by changing the saturation by 10% instead.

■ 28.7305, 38.5571,
55.2182

■ 28.7305, 38.5571,
55.2182

287.9584,
340.0038, 424.0438

■ 19.0203, 26.4154,
39.1767

■ 57.0492, 72.9612,
99.3349

■ 11.7890, 17.1346,
26.5883

■ 76.3883, 95.9924,
128.2472

■ 6.6714, 10.3305,
17.0346

■ 99.6679, 123.4222,
162.2868

■ 3.3019, 5.6187,
10.0969

■ 127.2531,
155.6349, 201.8723

■ 1.3154, 2.6146,
5.3568

■ 159.5094,
193.0151, 247.4222

■ 0.1947, 0.9340,
2.3957

196.8022,

■ 0.0000, 0.0000,

235.9470, 299.3550

0.7841

239.4968,
284.8151, 358.0894

■ 0.0000, 0.0000,
0.0000

■ 28.7305, 38.5571,
55.2182

■ 28.7305, 38.5571,
55.2182

■ 27.2522, 37.3626,
55.0663

■ 30.6544, 39.9874,
55.3936

■ 26.1729, 36.3774,
54.9330

■ 33.0576, 41.6685,
55.5914

■ 25.4426, 35.5765,
54.8169

■ 35.9747, 43.6190,
55.8141

■ 25.0627, 35.0788,
54.7408

■ 39.4360, 45.8545,
56.0632

■ 43.4696, 48.3896,
56.3399

■ 48.1017, 51.2377,
56.6455

■ 53.3565, 54.4113,
56.9811

■ 59.2573, 57.9226,
57.3479

■ 65.8259, 61.7826,
57.7467

Harmonies

Analogous

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



27.9258, 38.5571, 40.1740



28.7305, 38.5571, 55.2182



31.5842, 38.5571, 69.0204

Triad

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



28.7305, 38.5571, 55.2182



45.1590, 38.5571, 59.1216



37.2918, 38.5571, 20.1893

Complementary

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



28.7305, 38.5571, 55.2182



25.4928, 17.2697, 7.9522

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.



42.2247, 38.5571, 23.1271



28.7305, 38.5571, 55.2182



47.0185, 38.5571, 43.8437

Square

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



28.7305, 38.5571, 55.2182



41.0168, 38.5571, 71.6078



45.8994, 38.5571, 31.0507



32.5998, 38.5571, 21.9159

Rectangle

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



28.7305, 38.5571, 55.2182



34.4100, 38.5571, 74.5061



45.8994, 38.5571, 31.0507



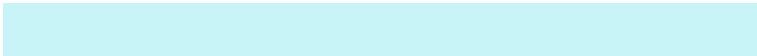
38.9797, 38.5571, 20.6425

Sweetspot

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



28.7317, 38.5585, 55.2191



73.0548, 83.6617, 100.5770



22.6417, 39.1666, 13.7650



15.6022, 18.0928, 22.0552



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.7317, 38.5585, 55.2191



48.0822, 66.2823, 98.5387



19.0867, 19.2686, 52.0041



9.7457, 10.6837, 12.2207



16.4967, 23.1052, 35.9832



0.6646, 0.9419, 1.4156

Inverse Universe

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



32.1836, 18.9614, 46.2211



54.9658, 29.1737, 80.1536



31.8569, 29.9979, 10.0736



9.8982, 9.6836, 11.8532



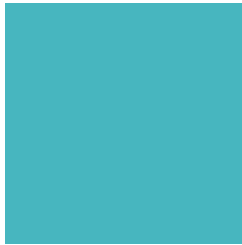
19.3275, 9.3622, 28.0822



0.7664, 0.3704, 1.1490

Previews

White Background



This preview shows how the XYZ color 28.7305, 38.5571, 55.2182 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 28.7305, 38.5571, 55.2182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

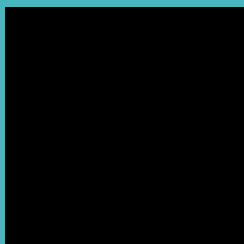
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

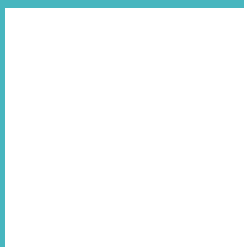
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7305, 38.5571, 55.2182

Background



This preview shows how black text looks on a background with the XYZ color 28.7305, 38.5571, 55.2182.

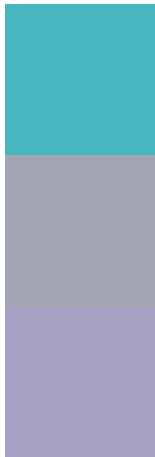


This preview shows how white text looks on a background with the XYZ color 28.7305, 38.5571,

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

28.7305, 38.5571, 55.2182

Protanopia

37.0032, 38.0981, 48.5834

Deuteranopia

38.7070, 37.9963, 56.9237



Tritanopia

29.2353, 38.4497, 58.1052

Trichromacy



Original Color

28.7305, 38.5571, 55.2182

Protanomaly

32.4206, 37.3323, 50.8445

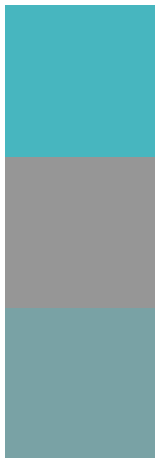
Deuteranomaly

33.4413, 37.1765, 56.4522

Tritanomaly

28.9340, 38.3205, 56.9106

Monochromacy



Original Color

28.7305, 38.5571, 55.2182

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.5970, 32.6222, 40.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7305, 38.5571, 55.2182 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(71, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(71, 182, 191)  
}
```

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(71, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 182, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.7305, 38.5571, 55.2182 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(71, 182, 191) }
```


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

```
.border{ border-color:rgb(71, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(71, 182,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7305, 38.5571, 55.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 182, 191) }
```

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

```
.background{ background-color: rgb(71, 182,  
191) }
```

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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