

Converting Colors

XYZ(37.5857, 46.2780, 56.8214)

Have a look what the booklet for
XYZ(37.5857, 46.2780, 56.8214)
contains.

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Color

**XYZ(37.5700, 46.2509,
56.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	82C0C0
RGB	130, 192, 192
RGB Percent	51%, 75%, 75%
CMY	0.4902, 0.2470, 0.2471
CMYK	0.32, 0.00, 0.00, 0.25
HSL	180°, 33%, 63%
HSV	180°, 32%, 75%
XYZ	37.5700, 46.2509, 56.8163
YIQ	173.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

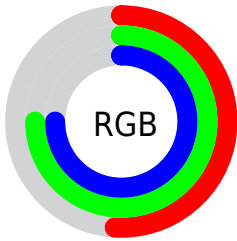
Format	Color
RYB	130, 161, 192
Decimal	8569024
CIELab	73.71, -19.72, -6.35
CIElCh	74, 20.721, 197.836
Yxy	46.2509, 0.2671, 0.3289
Android (android.graphics.Color)	4286759104 (0xFF82C0C0)
YUV	173.4620, 9.1392, -38.1162
Hunter-Lab	68.0080, -20.4044, -1.9274

Details

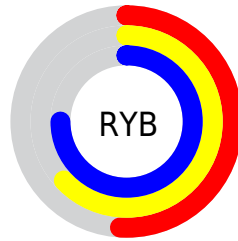
The XYZ color **37.5700, 46.2509, 56.8163** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7518, 28.7848, 24.8980**, and the grayscale version is **39.9258, 42.0050, 45.7435**.

A 20% lighter version of the original color is **70.8265, 84.8430, 101.4503**, and **16.8092, 21.6188, 27.7130** is the 20% darker color. If you saturate the color by 10%, you get **34.8956, 44.8734, 56.6917**, and if you desaturate by 10%, it is **40.7966, 47.9154, 56.9687**.

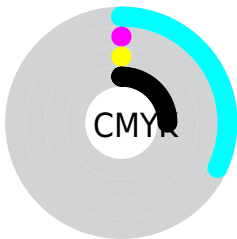
Distribution



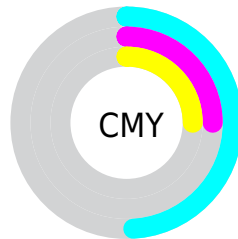
- Red (51%)
- Green (75%)
- Blue (75%)



- Red (51%)
- Yellow (63%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5700, 46.2509, 56.8163 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 37.5700, 46.2509, 56.8163 by changing the saturation by 10% instead.

■ 37.5700, 46.2509,
56.8163

■ 37.5700, 46.2509,
56.8163

327.0846,
371.8164, 430.2350

■ 25.8248, 32.4439,
40.4494

■ 70.7567, 84.5944,
101.6948

■ 16.8246, 21.7007,
27.5727

■ 92.9290, 109.8996,
131.0434

■ 10.2041, 13.6372,
17.7675

■ 119.3077,
139.8063, 165.5564

■ 5.5978, 7.8688,
10.6155

150.2581,
174.6989, 205.6522

■ 2.6404, 4.0111,
5.6980

186.1457,
214.9619, 251.7495

■ 0.9666, 1.6798,
2.5965

227.3357,

■ 0.0000, 0.4105,

260.9795, 304.2667

0.8907

274.1936,
313.1362, 363.6223

■ 0.0000, 0.0000,
0.0000

■ 37.5700, 46.2509,
56.8163

■ 37.5700, 46.2509,
56.8163

■ 34.8956, 44.8734,
56.6917

■ 40.7966, 47.9154,
56.9687

■ 32.7388, 43.7615,
56.5904

■ 44.5997, 49.8760,
57.1471

■ 31.0673, 42.8998,
56.5117

■ 49.0068, 52.1479,
57.3538

■ 29.8435, 42.2689,
56.4540

■ 54.0428, 54.7440,
57.5899

■ 29.0243, 41.8466,
56.4153

■ 59.7309, 57.6764,
57.8565

■ 28.5583, 41.6064,
56.3930

■ 66.0932, 60.9563,
58.1547

■ 28.3645, 41.5065,
56.3836

■ 69.6056, 62.7669,
58.3195

■ 69.6057, 62.7670,
58.3199

■ 69.6057, 62.7670,
58.3203

Harmonies

Analogous

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



37.4073, 46.2509, 46.2138



37.5700, 46.2509, 56.8163



39.3848, 46.2509, 66.9004

Triad

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



37.5700, 46.2509, 56.8163



49.4092, 46.2509, 65.2038



45.4661, 46.2509, 33.0522

Complementary

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



37.5700, 46.2509, 56.8163



33.7518, 28.7848, 24.8980

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.



48.8766, 46.2509, 36.7977



37.5700, 46.2509, 56.8163



51.2367, 46.2509, 54.7458

Square

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



37.5700, 46.2509, 56.8163



46.1604, 46.2509, 72.1878



51.0365, 46.2509, 44.4112



41.8309, 46.2509, 33.4451

Rectangle

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



37.5700, 46.2509, 56.8163



41.3475, 46.2509, 71.5251



51.0365, 46.2509, 44.4112



46.6805, 46.2509, 33.8447

Sweetspot

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



37.5714, 46.2527, 56.8174



82.4173, 91.1980, 103.6186



32.2456, 44.1408, 27.9406



17.4507, 19.4461, 22.2188



92.9021, 97.7402, 106.4391



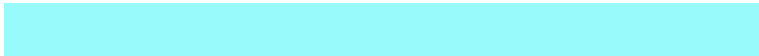
19.4759, 20.4902, 22.3138

Same Dimension

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



37.5714, 46.2527, 56.8174



64.4248, 81.9225, 102.7743



31.6480, 34.4055, 54.8442



10.3686, 11.4285, 12.9442



19.0854, 27.9282, 37.9386



0.8246, 1.2067, 1.6392

Inverse Universe

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



33.7518, 28.7848, 24.8980



56.3920, 45.1863, 35.6459



38.3342, 37.9499, 26.4247



10.0732, 10.0779, 10.4763



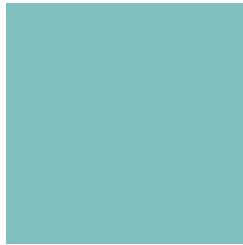
14.6275, 7.5408, 0.6847



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 37.5700, 46.2509, 56.8163 looks on a white background.

Color Contrast Check

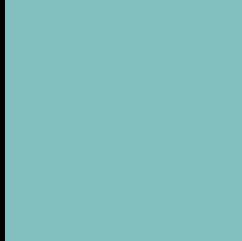
Large Text (above 18pt) WCAG AA × Fail

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 37.5700, 46.2509, 56.8163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

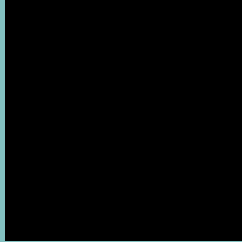
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5700, 46.2509, 56.8163

Background



This preview shows how black text looks on a background with the XYZ color 37.5700, 46.2509, 56.8163.

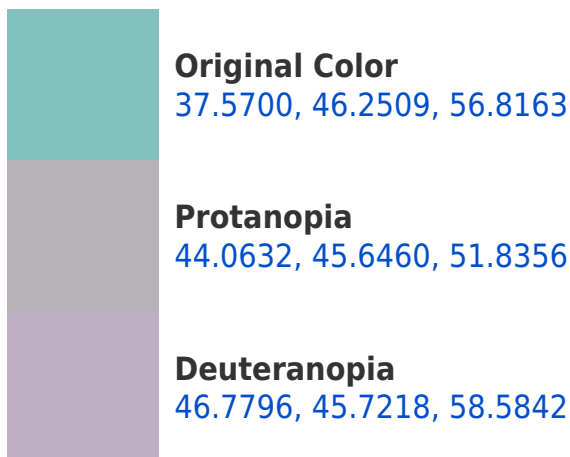


This preview shows how white text looks on a background with the XYZ color 37.5700, 46.2509,

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

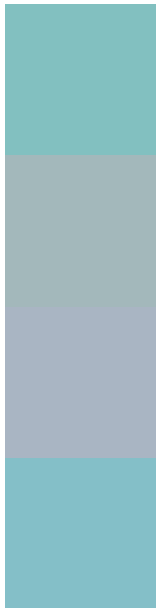




Tritanopia

39.1058, 46.2212, 64.6181

Trichromacy



Original Color

37.5700, 46.2509, 56.8163

Protanomaly

41.2144, 45.6554, 53.6538

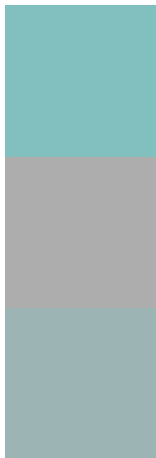
Deuteranomaly

42.7364, 45.4229, 58.1448

Tritanomaly

38.5718, 46.3373, 61.5546

Monochromacy



Original Color

37.5700, 46.2509, 56.8163

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.4641, 43.1059, 49.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5700, 46.2509, 56.8163 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(130, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(130, 192, 192)  
}
```

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(130, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.5700, 46.2509, 56.8163 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(130, 192, 192) }
```


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

```
.border{ border-color:rgb(130, 192, 192) }
```

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

Here you see how a box with a 4 pixel rgb(130, 192, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(130, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5700, 46.2509, 56.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 192, 192) }
```

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

```
.background{ background-color: rgb(130,  
192, 192) }
```

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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