

Converting Colors

XYZ(37.5272, 46.5686, 56.3010)

Have a look what the booklet for
XYZ(37.5272, 46.5686, 56.3010)
contains.

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Color

**XYZ(37.5272, 46.5686,
56.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	81C1BF
RGB	129, 193, 191
RGB Percent	51%, 76%, 75%
CMY	0.4941, 0.2431, 0.2510
CMYK	0.33, 0.00, 0.01, 0.24
HSL	178°, 34%, 63%
HSV	178°, 33%, 76%
XYZ	37.5272, 46.5686, 56.3010
YIQ	173.6360, -37.5020, -14.1900

Conversions

Conversions Part 2

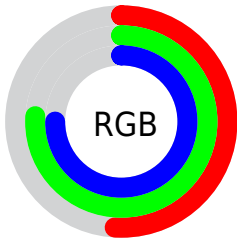
Format	Color
RYB	129, 162, 193
Decimal	8503743
CIELab	73.91, -20.75, -5.50
CIELCh	74, 21.465, 194.860
Yxy	46.5686, 0.2673, 0.3317
Android (android.graphics.Color)	4286693823 (0xFF81C1BF)
YUV	173.6360, 8.5605, -39.1458
Hunter-Lab	68.2412, -21.2613, -1.1472

Details

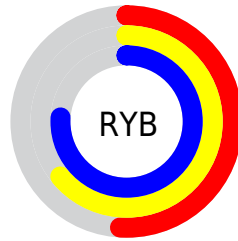
The XYZ color **37.5272, 46.5686, 56.3010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9409, 28.6780, 25.2210**, and the grayscale version is **40.0178, 42.1019, 45.8489**.

A 20% lighter version of the original color is **70.7413, 85.2770, 100.7273**, and **16.8006, 21.8367, 27.3742** is the 20% darker color. If you saturate the color by 10%, you get **34.8020, 45.1725, 55.8283**, and if you desaturate by 10%, it is **40.8091, 48.2540, 56.8032**.

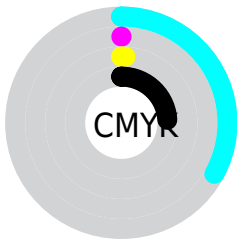
Distribution



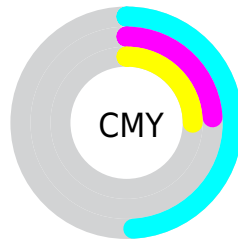
- Red (51%)
- Green (76%)
- Blue (75%)



- Red (51%)
- Yellow (64%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5272, 46.5686, 56.3010 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 37.5272, 46.5686, 56.3010 by changing the saturation by 10% instead.

■ 37.5272, 46.5686,
56.3010

■ 37.5272, 46.5686,
56.3010

326.9034,
373.0899, 428.2450

■ 25.7915, 32.6947,
40.0387

■ 70.6915, 85.0693,
100.9347

■ 16.7996, 21.8927,
27.2547

■ 92.8507, 110.4650,
130.1432

■ 10.1861, 13.7781,
17.5305

■ 119.2152,
140.4700, 164.5042

■ 5.5857, 7.9665,
10.4475

150.1503,
175.4689, 204.4361

■ 2.6331, 4.0735,
5.5872

186.0213,
215.8459, 250.3577

■ 0.9629, 1.7148,
2.5310

227.1936,

■ 0.0000, 0.4332,

261.9854, 302.6873

0.8565

274.0325,
314.2720, 361.8436

■ 0.0000, 0.0000,
0.0000

■ 37.5272, 46.5686,
56.3010

■ 37.5272, 46.5686,
56.3010

■ 34.8020, 45.1725,
55.8283

■ 40.8091, 48.2540,
56.8032

■ 32.5982, 44.0440,
55.3805

■ 44.6725, 50.2379,
57.3330

■ 30.8827, 43.1673,
54.9569

■ 49.1455, 52.5360,
57.8928

■ 29.6172, 42.5224,
54.5558

■ 54.2533, 55.1614,
58.4837

■ 28.7573, 42.0867,
54.1751

■ 60.0195, 58.1262,
59.1069

■ 28.2500, 41.8327,
53.8123

■ 66.4668, 61.4420,
59.7634

■ 28.0367, 41.7279,
53.5713

■ 70.1868, 63.3519,
60.2937

■ 70.2553, 63.3793,
60.6545

■ 70.3241, 63.4068,
61.0168

Harmonies

Analogous

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



37.5356, 46.5686, 45.4005



37.5272, 46.5686, 56.3010



39.2508, 46.5686, 67.0609

Triad

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



37.5272, 46.5686, 56.3010



49.6551, 46.5686, 67.1489



46.2109, 46.5686, 32.9699

Complementary

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



37.5272, 46.5686, 56.3010



33.9409, 28.6780, 25.2210

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.



49.6826, 46.5686, 37.2519



37.5272, 46.5686, 56.3010



51.7477, 46.5686, 56.4080

Square

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



37.5272, 46.5686, 56.3010



46.1751, 46.5686, 73.9101



51.7580, 46.5686, 45.4932



42.4026, 46.5686, 32.9499

Rectangle

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



37.5272, 46.5686, 56.3010



41.2105, 46.5686, 72.2629



51.7580, 46.5686, 45.4932



47.4607, 46.5686, 33.9279

Sweetspot

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



37.5286, 46.5705, 56.3021



82.2952, 91.1491, 102.9754



32.4146, 44.5627, 27.6629



17.4208, 19.4342, 22.0616



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.



37.5286, 46.5705, 56.3021



63.4747, 81.4888, 100.1957



31.8012, 34.7607, 55.4875



10.3545, 11.4228, 12.8701



18.6528, 27.7552, 35.6603



0.8103, 1.2010, 1.5637

Inverse Universe

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



33.9409, 28.6780, 25.2210



56.0406, 44.4012, 35.7826



38.3316, 37.6745, 26.0215



10.0857, 10.0829, 10.5417



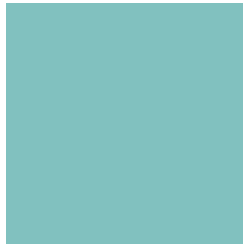
14.6550, 7.5518, 0.8295



0.6377, 0.3281, 0.0595

Previews

White Background



This preview shows how the XYZ color 37.5272, 46.5686, 56.3010 looks on a white background.

Color Contrast Check

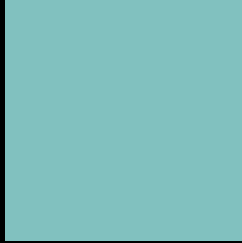
Large Text (above 18pt) WCAG AA × Fail

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 37.5272, 46.5686, 56.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

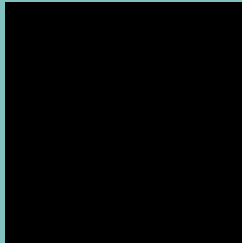
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5272, 46.5686, 56.3010

Background



This preview shows how black text looks on a background with the XYZ color 37.5272, 46.5686, 56.3010.

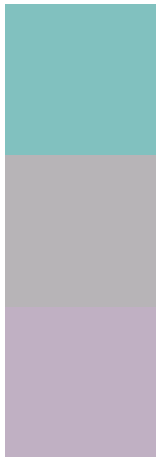


This preview shows how white text looks on a background with the XYZ color 37.5272, 46.5686,

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

37.5272, 46.5686, 56.3010

Protanopia

44.3969, 46.1287, 51.3635

Deuteranopia

47.1139, 46.1973, 58.0636



Tritanopia

39.4442, 46.7044, 65.3284

Trichromacy



Original Color

37.5272, 46.5686, 56.3010

Protanomaly

41.3161, 46.0296, 53.1614

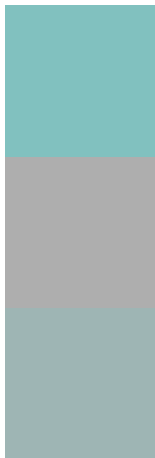
Deuteranomaly

42.8277, 45.7860, 57.6192

Tritanomaly

38.9080, 46.8219, 62.2452

Monochromacy



Original Color

37.5272, 46.5686, 56.3010

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.8626, 43.6121, 49.5497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5272, 46.5686, 56.3010 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(129, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(129, 193, 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(129, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 193, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.5272, 46.5686, 56.3010 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(129, 193, 191) }
```


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

```
.border{ border-color:rgb(129, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(129, 193,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5272, 46.5686, 56.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 193, 191) }
```

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

```
.background{ background-color: rgb(129,  
193, 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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