

Converting Colors

XYZ(37.5654, 42.5470, 52.7705)

Have a look what the booklet for
XYZ(37.5654, 42.5470, 52.7705)
contains.

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Color

**XYZ(37.5786, 42.5772,
52.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	95B4BA
RGB	149, 180, 186
RGB Percent	58%, 71%, 73%
CMY	0.4157, 0.2941, 0.2706
CMYK	0.20, 0.03, 0.00, 0.27
HSL	190°, 21%, 66%
HSV	190°, 20%, 73%
XYZ	37.5786, 42.5772, 52.6920
YIQ	171.4150, -20.4020, -4.7060

Conversions

Conversions Part 2

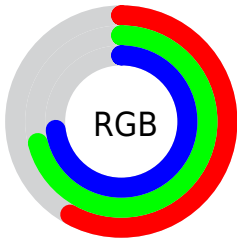
Format	Color
RYB	149, 166, 186
Decimal	9811130
CIELab	71.27, -9.18, -6.56
CIElCh	71, 11.280, 215.566
Yxy	42.5772, 0.2829, 0.3205
Android (android.graphics.Color)	4288001210 (0xFF95B4BA)
YUV	171.4150, 7.1904, -19.6580
Hunter-Lab	65.2512, -11.3903, -2.2023

Details

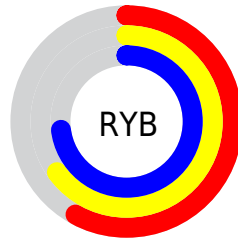
The XYZ color **37.5786, 42.5772, 52.6920** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.3963, 36.0519, 33.4224**, and the grayscale version is **38.8906, 40.9160, 44.5575**.

A 20% lighter version of the original color is **70.9243, 79.2391, 95.5610**, and **16.7528, 19.4136, 25.0545** is the 20% darker color. If you saturate the color by 10%, you get **33.8506, 39.7626, 52.3459**, and if you desaturate by 10%, it is **41.8643, 45.7012, 53.0698**.

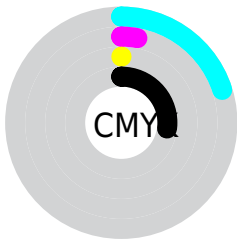
Distribution



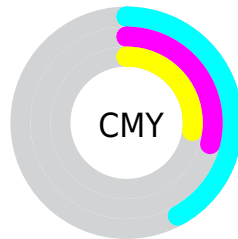
- Red (58%)
- Green (71%)
- Blue (73%)



- Red (58%)
- Yellow (65%)
- Blue (73%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5786, 42.5772, 52.6920 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 37.5786, 42.5772, 52.6920 by changing the saturation by 10% instead.

■ 37.5786, 42.5772,
52.6920

■ 37.5786, 42.5772,
52.6920

327.1210,
356.8701, 414.1351

■ 25.8315, 29.5535,
37.1709

■ 70.7699, 79.0724,
95.5879

■ 16.8297, 19.4999,
25.0430

■ 92.9447, 103.3128,
123.7999

■ 10.2077, 12.0321,
15.8898

119.3263,
132.0608, 157.0792

■ 5.6002, 6.7655,
9.2927

150.2798,
165.7010, 195.8444

■ 2.6419, 3.3159,
4.8332

186.1707,
204.6176, 240.5140

■ 0.9673, 1.2988,
2.0927

227.3643,

■ 0.0000, 0.1403,

249.1950, 291.5067

0.6114

274.2259,
299.8177, 349.2408

■ 0.0000, 0.0000,
0.0000

■ 37.5786, 42.5772,
52.6920

■ 37.5786, 42.5772,
52.6920

■ 33.8506, 39.7626,
52.3459

■ 41.8643, 45.7012,
53.0698

■ 30.6509, 37.2388,
52.0274

■ 46.7280, 49.1418,
53.4776

■ 27.9527, 34.9929,
51.7361

■ 52.1936, 52.9126,
53.9173

■ 25.7258, 33.0093,
51.4706

■ 58.2824, 57.0247,
54.3901

■ 23.9362, 31.2703,
51.2293

■ 65.0148, 61.4887,
54.8969

■ 22.5455, 29.7559,
51.0103

■ 70.3187, 65.2366,
55.3408

■ 21.5083, 28.4428,
50.8115

■ 71.0152, 66.6296,
55.5730

■ 20.7343, 27.2840,
50.6286

■ 71.7256, 68.0502,
55.8097

■ 20.7264, 27.2718,
50.6267

■ 72.4498, 69.4986,
56.0511

Harmonies

Analogous

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



36.9520, 42.5772, 47.3780



37.5786, 42.5772, 52.6920



38.9811, 42.5772, 56.5145

Triad

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



37.5786, 42.5772, 52.6920



43.8742, 42.5772, 50.8072



40.1163, 42.5772, 36.7372

Complementary

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



37.5786, 42.5772, 52.6920



37.3963, 36.0519, 33.4224

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.



41.9930, 42.5772, 37.5000



37.5786, 42.5772, 52.6920



44.2010, 42.5772, 45.3554

Square

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



37.5786, 42.5772, 52.6920



42.6230, 42.5772, 55.3683



43.5026, 42.5772, 40.5555



38.3876, 42.5772, 38.3848

Rectangle

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



37.5786, 42.5772, 52.6920



40.1876, 42.5772, 57.5508



43.5026, 42.5772, 40.5555



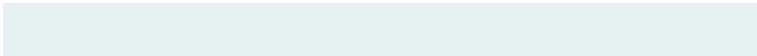
40.7504, 42.5772, 36.7218

Sweetspot

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



37.5798, 42.5789, 52.6930



79.0980, 85.1309, 96.4644



35.8328, 43.8596, 37.3906



17.2940, 18.6587, 21.2326



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.5798, 42.5789, 52.6930



64.9476, 74.8088, 95.2178



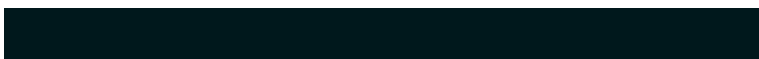
34.1697, 35.7587, 51.5562



9.1394, 9.9560, 11.5194



13.9900, 18.4396, 34.0749



0.5267, 0.7170, 1.2124

Inverse Universe

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



39.2364, 35.2303, 47.9141



68.5502, 59.1214, 84.7586



40.6284, 42.5162, 34.4997



9.3167, 9.1371, 11.0152



17.6752, 8.6438, 21.9740



0.6400, 0.3115, 0.8637

Previews

White Background



This preview shows how the XYZ color 37.5786, 42.5772, 52.6920 looks on a white background.

Color Contrast Check

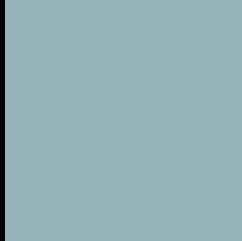
Large Text (above 18pt) WCAG AA × Fail

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 37.5786, 42.5772, 52.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

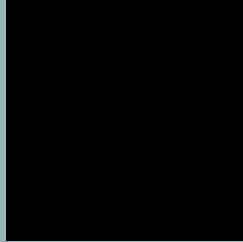
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5786, 42.5772, 52.6920

Background



This preview shows how black text looks on a background with the XYZ color 37.5786, 42.5772, 52.6920.



This preview shows how white text looks on a background with the XYZ color 37.5786, 42.5772,

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

37.5786, 42.5772, 52.6920

Protanopia

41.0663, 42.3785, 50.2714

Deuteranopia

43.2727, 42.3211, 53.4650



Tritanopia

38.3234, 42.5745, 56.6499

Trichromacy



Original Color

37.5786, 42.5772, 52.6920

Protanomaly

39.7985, 42.5766, 50.9202

Deuteranomaly

40.9265, 42.2457, 53.0109

Tritanomaly

37.9920, 42.4419, 54.9049

Monochromacy



Original Color

37.5786, 42.5772, 52.6920

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0768, 41.1932, 47.0185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5786, 42.5772, 52.6920 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(149, 180, 186) looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 186)  
}
```

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(149, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 37.5786, 42.5772, 52.6920 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(149, 180, 186) }
```


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

```
.border{ border-color:rgb(149, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5786, 42.5772, 52.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 186) }
```

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

```
.background{ background-color: rgb(149,  
180, 186) }
```

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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