

Converting Colors

XYZ(37.4998, 41.9033, 54.2560)

Have a look what the booklet for
XYZ(37.4998, 41.9033, 54.2560)
contains.

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Color

**XYZ(37.5001, 41.9045,
54.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	95B2BD
RGB	149, 178, 189
RGB Percent	58%, 70%, 74%
CMY	0.4157, 0.3019, 0.2588
CMYK	0.21, 0.06, 0.00, 0.26
HSL	196°, 23%, 66%
HSV	196°, 21%, 74%
XYZ	37.5001, 41.9045, 54.2560
YIQ	170.5830, -20.8150, -2.7270

Conversions

Conversions Part 2

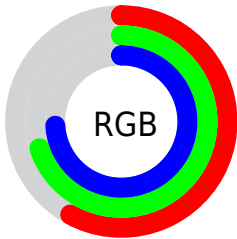
Format	Color
R_{YB}	149, 166, 189
Decimal	9810621
CIE _{Lab}	70.81, -7.44, -8.90
CIE _{LCh}	71, 11.597, 230.094
Yxy	41.9045, 0.2806, 0.3135
Android (android.graphics.Color)	4288000701 (0xFF95B2BD)
YUV	170.5830, 9.0796, -18.9283
Hunter-Lab	64.7337, -9.8792, -4.3798

Details

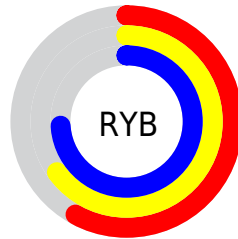
The XYZ color **37.5001, 41.9045, 54.2560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9822, 38.1303, 33.7398**, and the grayscale version is **38.4641, 40.4672, 44.0688**.

A 20% lighter version of the original color is **70.8061, 78.2756, 97.7630**, and **16.7073, 18.9862, 26.0767** is the 20% darker color. If you saturate the color by 10%, you get **33.3136, 38.2414, 53.7703**, and if you desaturate by 10%, it is **42.2878, 45.9379, 54.7829**.

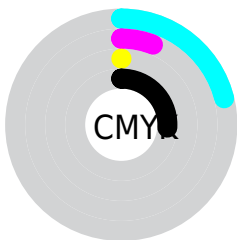
Distribution



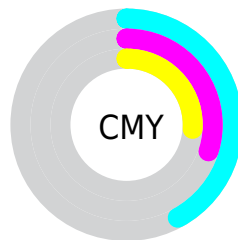
- Red (58%)
- Green (70%)
- Blue (74%)



- Red (58%)
- Yellow (65%)
- Blue (74%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5001, 41.9045, 54.2560 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 37.5001, 41.9045, 54.2560 by changing the saturation by 10% instead.

■ 37.5001, 41.9045,
54.2560

■ 37.5001, 41.9045,
54.2560

326.7887,
354.0869, 420.2877

■ 25.7704, 29.0265,
38.4118

■ 70.6501, 78.0551,
97.9102

■ 16.7837, 19.1009,
25.9981

■ 92.8011, 102.0964,
126.5573

■ 10.1748, 11.7432,
16.5965

119.1566,
130.6277, 160.3091

■ 5.5781, 6.5691,
9.7883

150.0820,
164.0334, 199.5841

■ 2.6285, 3.1941,
5.1551

185.9425,
202.6977, 244.8010

■ 0.9605, 1.2339,
2.2782

227.1035,

■ 0.0000, 0.0891,

247.0051, 296.3782

0.7190

273.9305,
297.3401, 354.7342

■ 0.0000, 0.0000,
0.0000

■ 37.5001, 41.9045,
54.2560

■ 37.5001, 41.9045,
54.2560

■ 33.3136, 38.2414,
53.7703

■ 42.2878, 45.9379,
54.7829

■ 29.6973, 34.9286,
53.3215

■ 47.6986, 50.3501,
55.3493

■ 26.6228, 31.9521,
52.9090

■ 53.7577, 55.1560,
55.9576

■ 24.0575, 29.2943,
52.5312

■ 60.4879, 60.3678,
56.6089

■ 21.9656, 26.9360,
52.1862

■ 67.9107, 65.9973,
57.3042

■ 20.3058, 24.8553,
51.8721

■ 73.2706, 70.6245,
57.9149

■ 19.0292, 23.0265,
51.5864

■ 74.5679, 73.2191,
58.3473

■ 18.1364, 21.5762,
51.3535

■ 75.9072, 75.8976,
58.7937

■ 77.2888, 78.6609,
59.2543

Harmonies

Analogous

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



36.4513, 41.9045, 49.3686



37.5001, 41.9045, 54.2560



39.1953, 41.9045, 56.8926

Triad

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



37.5001, 41.9045, 54.2560



43.5896, 41.9045, 47.4759



38.5701, 41.9045, 36.3736

Complementary

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



37.5001, 41.9045, 54.2560



38.9822, 38.1303, 33.7398

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.



40.4695, 41.9045, 35.9561



37.5001, 41.9045, 54.2560



43.4091, 41.9045, 42.0791

Square

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



37.5001, 41.9045, 54.2560



42.7379, 41.9045, 52.7748



42.2523, 41.9045, 37.9649



37.0551, 41.9045, 39.1554

Rectangle

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



37.5001, 41.9045, 54.2560



40.4816, 41.9045, 56.8856



42.2523, 41.9045, 37.9649



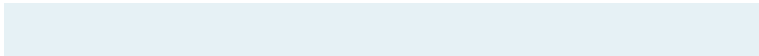
39.1834, 41.9045, 35.9612

Sweetspot

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



37.5013, 41.9062, 54.2569



80.5048, 86.1915, 98.6198



36.9088, 45.3119, 39.9065



17.1771, 18.4248, 21.1936



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.



37.5013, 41.9062, 54.2569



63.8586, 72.1938, 96.7953



33.8643, 34.6321, 53.0446



9.5808, 10.3538, 12.1657



12.2690, 14.6498, 34.5740



0.5326, 0.6778, 1.3716

Inverse Universe

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



39.7706, 35.5289, 46.8831



68.6439, 59.0915, 81.1676



42.6658, 45.4976, 34.9677



9.8150, 9.6503, 11.4148



17.1936, 8.5086, 16.8450



0.6997, 0.3438, 0.7980

Previews

White Background



This preview shows how the XYZ color 37.5001, 41.9045, 54.2560 looks on a white background.

Color Contrast Check

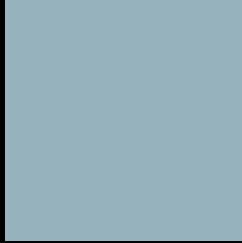
Large Text (above 18pt) WCAG AA × Fail

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 37.5001, 41.9045, 54.2560 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

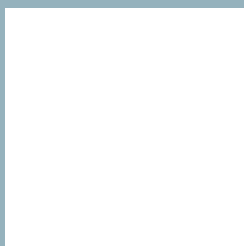
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5001, 41.9045, 54.2560

Background



This preview shows how black text looks on a background with the XYZ color 37.5001, 41.9045, 54.2560.

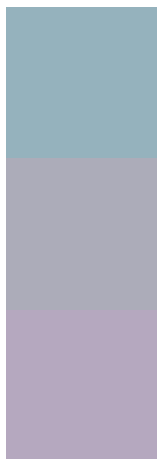


This preview shows how white text looks on a background with the XYZ color 37.5001, 41.9045,

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

37.5001, 41.9045, 54.2560

Protanopia

40.5227, 41.7785, 51.8272

Deuteranopia

42.4627, 41.5906, 55.0800



Tritanopia

38.0125, 42.1306, 55.9977

Trichromacy



Original Color

37.5001, 41.9045, 54.2560

Protanomaly

39.3088, 41.7098, 52.4334

Deuteranomaly

40.4090, 41.6578, 54.6262

Tritanomaly

37.9020, 42.0864, 55.4161

Monochromacy



Original Color

37.5001, 41.9045, 54.2560

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2762, 41.2730, 48.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5001, 41.9045, 54.2560 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, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 189)  
}
```

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, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 37.5001, 41.9045, 54.2560 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, 178, 189) }
```


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

```
.border{ border-color:rgb(149, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5001, 41.9045, 54.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 189) }
```

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

```
.background{ background-color: rgb(149,  
178, 189) }
```

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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