

Converting Colors

XYZ(35.5693, 41.4342, 52.6609)

Have a look what the booklet for
XYZ(35.5693, 41.4342, 52.6609)
contains.

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Color

**XYZ(35.6654, 41.5910,
52.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB4BA
RGB	138, 180, 186
RGB Percent	54%, 71%, 73%
CMY	0.4588, 0.2941, 0.2706
CMYK	0.26, 0.03, 0.00, 0.27
HSL	187°, 26%, 64%
HSV	187°, 26%, 73%
XYZ	35.6654, 41.5910, 52.6025
YIQ	168.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

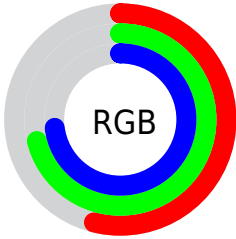
Format	Color
RYB	138, 160, 186
Decimal	9090234
CIELab	70.59, -12.59, -7.64
CIElCh	71, 14.724, 211.269
Yxy	41.5910, 0.2746, 0.3203
Android (android.graphics.Color)	4287280314 (0xFF8AB4BA)
YUV	168.1260, 8.8119, -26.4205
Hunter-Lab	64.4911, -14.1438, -3.2164

Details

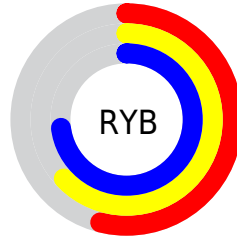
The XYZ color **35.6654, 41.5910, 52.6025** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8108, 32.2207, 28.4300**, and the grayscale version is **37.2498, 39.1897, 42.6776**.

A 20% lighter version of the original color is **67.7607, 77.6082, 95.4129**, and **15.6608, 18.8506, 25.0034** is the 20% darker color. If you saturate the color by 10%, you get **32.3828, 39.2091, 52.3164**, and if you desaturate by 10%, it is **39.4853, 44.2637, 52.9177**.

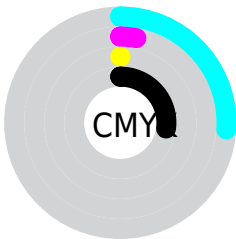
Distribution



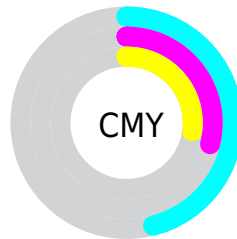
- Red (54%)
- Green (71%)
- Blue (73%)



- Red (54%)
- Yellow (63%)
- Blue (73%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6654, 41.5910, 52.6025 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 35.6654, 41.5910, 52.6025 by changing the saturation by 10% instead.

■ 35.6654, 41.5910,
52.6025

■ 35.6654, 41.5910,
52.6025

318.9525,
352.7847, 413.7812

■ 24.3448, 28.7812,
37.1000

■ 67.8426, 77.5802,
95.4548

■ 15.7157, 18.9153,
24.9885

■ 89.4298, 101.5284,
123.6417

■ 9.4128, 11.6091,
15.8496

■ 115.1700,
129.9582, 156.8938

■ 5.0706, 6.4781,
9.2646

145.4285,
163.2540, 195.6296

■ 2.3240, 3.1379,
4.8150

180.5707,
201.8001, 240.2677

■ 0.8069, 1.2042,
2.0823

220.9618,

■ 0.0000, 0.0651,

245.9810, 291.2266

0.6052

266.9673,
296.1811, 348.9249

■ 0.0000, 0.0000,
0.0000

■ 35.6654, 41.5910,
52.6025

■ 35.6654, 41.5910,
52.6025

■ 32.3828, 39.2091,
52.3164

■ 39.4853, 44.2637,
52.9177

■ 29.6070, 37.0990,
52.0555

■ 43.8639, 47.2351,
53.2605

■ 27.3099, 35.2473,
51.8191

■ 48.8257, 50.5189,
53.6328

■ 25.4593, 33.6372,
51.6059

■ 54.3929, 54.1266,
54.0358

■ 24.0188, 32.2501,
51.4141

■ 60.5861, 58.0691,
54.4703

■ 22.9463, 31.0641,
51.2417

■ 67.4255, 62.3565,
54.9374

■ 22.1888, 30.0517,
51.0862

■ 69.9045, 64.4081,
55.2027

■ 21.9177, 29.6545,
51.0238

■ 70.4338, 65.4667,
55.3792

■ 70.9712, 66.5416,
55.5583

Harmonies

Analogous

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



35.0357, 41.5910, 45.5830



35.6654, 41.5910, 52.6025



37.3244, 41.5910, 58.0803

Triad

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



35.6654, 41.5910, 52.6025



43.7771, 41.5910, 52.0365



39.4275, 41.5910, 33.1673

Complementary

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



35.6654, 41.5910, 52.6025



34.8108, 32.2207, 28.4300

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.



41.8229, 41.5910, 34.5230



35.6654, 41.5910, 52.6025



44.3953, 41.5910, 44.9894

Square

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



35.6654, 41.5910, 52.6025



42.0095, 41.5910, 57.7307



43.6663, 41.5910, 38.6806



37.1519, 41.5910, 34.7712

Rectangle

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



35.6654, 41.5910, 52.6025



38.8251, 41.5910, 59.8622



43.6663, 41.5910, 38.6806



40.2454, 41.5910, 33.2909

Sweetspot

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



35.6666, 41.5927, 52.6034



77.5656, 84.3124, 96.3872



33.0444, 42.5233, 32.6925



16.8097, 18.3837, 21.2050



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.



35.6666, 41.5927, 52.6034



61.1343, 72.8602, 95.0427



31.3006, 32.8606, 51.1481



9.1684, 10.0139, 11.5291



14.7829, 20.0255, 34.3392



0.5482, 0.7601, 1.2196

Inverse Universe

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



37.5774, 31.9122, 47.3611



65.2394, 52.4904, 83.6840



38.7668, 40.1327, 29.7487



9.3313, 9.1429, 11.0922



18.0754, 8.8039, 24.0816



0.6509, 0.3158, 0.9208

Previews

White Background



This preview shows how the XYZ color 35.6654, 41.5910, 52.6025 looks on a white background.

Color Contrast Check

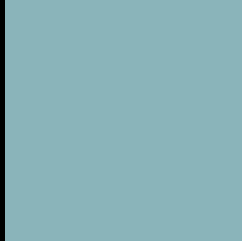
Large Text (above 18pt) WCAG AA × Fail

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 35.6654, 41.5910, 52.6025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

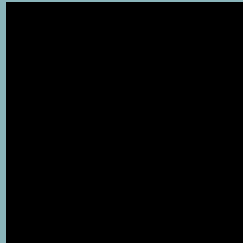
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6654, 41.5910, 52.6025

Background



This preview shows how black text looks on a background with the XYZ color 35.6654, 41.5910, 52.6025.



This preview shows how white text looks on a background with the XYZ color 35.6654, 41.5910,

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

35.6654, 41.5910, 52.6025

Protanopia

40.1370, 41.3463, 49.5812

Deuteranopia

42.0601, 41.1353, 53.8672



Tritanopia

36.5610, 41.6659, 56.5674

Trichromacy



Original Color

35.6654, 41.5910, 52.6025

Protanomaly

38.1805, 41.1646, 50.7330

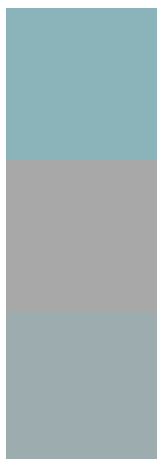
Deuteranomaly

39.3467, 41.1352, 53.4431

Tritanomaly

36.0618, 41.4469, 54.8146

Monochromacy



Original Color

35.6654, 41.5910, 52.6025

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.3950, 39.7683, 46.3153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6654, 41.5910, 52.6025 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(138, 180, 186)` looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.6654, 41.5910, 52.6025 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(138, 180, 186) }
```


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

```
.border{ border-color:rgb(138, 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(138, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6654, 41.5910, 52.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 186) }
```

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

```
.background{ background-color: rgb(138,  
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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