

Converting Colors

XYZ(35.1312, 41.2658, 54.8287)

Have a look what the booklet for
XYZ(35.1312, 41.2658, 54.8287)
contains.

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Color

**XYZ(35.1312, 41.2658,
54.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	84B4BE
RGB	132, 180, 190
RGB Percent	52%, 71%, 75%
CMY	0.4823, 0.2941, 0.2549
CMYK	0.31, 0.05, 0.00, 0.25
HSL	190°, 31%, 63%
HSV	190°, 31%, 75%
XYZ	35.1312, 41.2658, 54.8287
YIQ	166.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

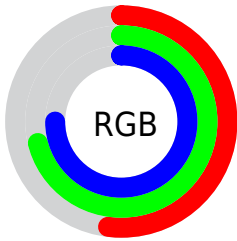
Format	Color
RYB	132, 158, 190
Decimal	8697022
CIELab	70.36, -13.42, -10.22
CIELCh	70, 16.866, 217.282
Yxy	41.2658, 0.2677, 0.3145
Android (android.graphics.Color)	4286887102 (0xFF84B4BE)
YUV	166.7880, 11.4435, -30.5091
Hunter-Lab	64.2385, -14.7979, -5.6382

Details

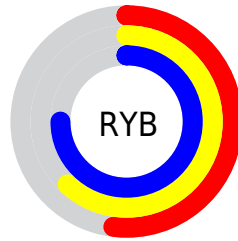
The XYZ color **35.1312, 41.2658, 54.8287** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.0735, 31.9592, 26.1507**, and the grayscale version is **36.5856, 38.4909, 41.9166**.

A 20% lighter version of the original color is **67.1235, 77.2095, 98.5539**, and **15.4130, 18.6904, 26.4622** is the 20% darker color. If you saturate the color by 10%, you get **31.7733, 38.5657, 54.4852**, and if you desaturate by 10%, it is **39.0484, 44.2794, 55.2046**.

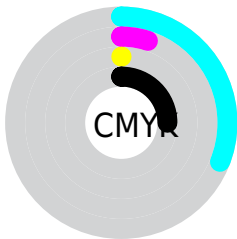
Distribution



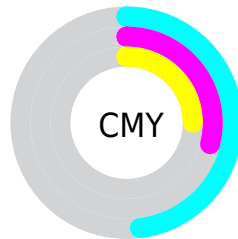
- Red (52%)
- Green (71%)
- Blue (75%)



- Red (52%)
- Yellow (62%)
- Blue (75%)



- Cyan (31%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (48%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1312, 41.2658, 54.8287 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 35.1312, 41.2658, 54.8287 by changing the saturation by 10% instead.

■ 35.1312, 41.2658,
54.8287

■ 35.1312, 41.2658,
54.8287

316.6449,
351.4303, 422.5259

■ 23.9309, 28.5268,
38.8669

■ 67.0217, 77.0872,
98.7586

■ 15.4069, 18.7232,
26.3492

■ 88.4426, 100.9385,
127.5637

■ 9.1936, 11.4704,
16.8569

■ 114.0011,
129.2626, 161.4871

■ 4.9258, 6.3842,
9.9717

144.0625,
162.4440, 200.9472

■ 2.2381, 3.0801,
5.2748

178.9923,
200.8671, 246.3626

■ 0.7627, 1.1737,
2.3478

219.1557,

■ 0.0000, 0.0400,

244.9162, 298.1518

0.7578

264.9181,
294.9758, 356.7334

■ 0.0000, 0.0000,
0.0000

■ 35.1312, 41.2658,
54.8287

■ 35.1312, 41.2658,
54.8287

■ 31.7733, 38.5657,
54.4852

■ 39.0484, 44.2794,
55.2046

■ 28.9413, 36.1588,
54.1699

■ 43.5483, 47.6157,
55.6114

■ 26.6043, 34.0300,
53.8822

■ 48.6577, 51.2898,
56.0513

■ 24.7263, 32.1605,
53.6203

■ 54.4006, 55.3141,
56.5254

■ 23.2664, 30.5290,
53.3823

■ 60.7994, 59.7003,
57.0347

■ 22.1759, 29.1105,
53.1660

■ 67.8758, 64.4598,
57.5805

■ 21.3937, 27.9163,
52.9767

■ 71.8737, 67.6564,
57.9867

■ 72.6550, 69.2190,
58.2472

■ 73.4528, 70.8146,
58.5131

Harmonies

Analogous

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



34.1679, 41.2658, 46.8945



35.1312, 41.2658, 54.8287



37.1988, 41.2658, 60.5374

Triad

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



35.1312, 41.2658, 54.8287



44.3478, 41.2658, 51.0896



38.5501, 41.2658, 31.4246

Complementary

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



35.1312, 41.2658, 54.8287



35.0735, 31.9592, 26.1507

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.



41.3170, 41.2658, 32.2683



35.1312, 41.2658, 54.8287



44.7512, 41.2658, 43.0240

Square

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



35.1312, 41.2658, 54.8287



42.5406, 41.2658, 58.2073



43.6184, 41.2658, 36.3032



36.0805, 41.2658, 33.8452

Rectangle

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



35.1312, 41.2658, 54.8287



38.9696, 41.2658, 61.9726



43.6184, 41.2658, 36.3032



39.4753, 41.2658, 31.3412

Sweetspot

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



35.1324, 41.2674, 54.8296



80.1258, 87.1673, 100.8810



32.7874, 43.6762, 32.1632



17.3110, 18.9344, 22.1276



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.



35.1324, 41.2674, 54.8296



59.2570, 71.2619, 98.9109



29.9311, 30.8647, 53.0959



9.6649, 10.5220, 12.1938



14.2760, 18.6637, 35.2429



0.5967, 0.8061, 1.3930

Inverse Universe

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



37.7257, 30.7458, 47.1281



64.8464, 49.3600, 82.1369



39.9008, 41.6139, 27.7598



9.8574, 9.6673, 11.6383



18.2066, 8.9138, 22.1795



0.7321, 0.3567, 0.9685

Previews

White Background



This preview shows how the XYZ color 35.1312, 41.2658, 54.8287 looks on a white background.

Color Contrast Check

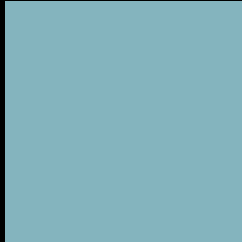
Large Text (above 18pt) WCAG AA × Fail

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 35.1312, 41.2658, 54.8287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

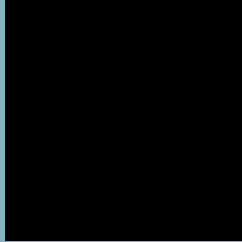
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1312, 41.2658, 54.8287

Background



This preview shows how black text looks on a background with the XYZ color 35.1312, 41.2658, 54.8287.



This preview shows how white text looks on a background with the XYZ color 35.1312, 41.2658,

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

35.1312, 41.2658, 54.8287

Protanopia

39.8210, 40.8681, 51.1369

Deuteranopia

41.8045, 40.9527, 56.1534



Tritanopia

35.5306, 41.1218, 57.1036

Trichromacy



Original Color

35.1312, 41.2658, 54.8287

Protanomaly

37.9036, 40.9854, 52.3676

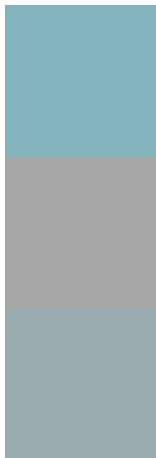
Deuteranomaly

38.9649, 40.8879, 55.7077

Tritanomaly

35.4186, 41.0770, 56.5140

Monochromacy



Original Color

35.1312, 41.2658, 54.8287

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8168, 39.4702, 46.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1312, 41.2658, 54.8287 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(132, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(132, 180, 190)  
}
```

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(132, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 190) }
```

Border

The CSS property to change the border of an element to XYZ 35.1312, 41.2658, 54.8287 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(132, 180, 190) }
```


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

```
.border{ border-color:rgb(132, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(132, 180,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1312, 41.2658, 54.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 180, 190) }
```

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

```
.background{ background-color: rgb(132,  
180, 190) }
```

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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