

Converting Colors

XYZ(33.5760, 35.4240, 52.4461)

Have a look what the booklet for
XYZ(33.5760, 35.4240, 52.4461)
contains.

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Color

**XYZ(33.6745, 35.4912,
52.6526)**

Conversions

Conversions Part 1

Format	Color
Hex	91A2BC
RGB	145, 162, 188
RGB Percent	57%, 64%, 74%
CMY	0.4314, 0.3647, 0.2627
CMYK	0.23, 0.14, 0.00, 0.26
HSL	216°, 24%, 65%
HSV	216°, 23%, 74%
XYZ	33.6745, 35.4912, 52.6526
YIQ	159.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

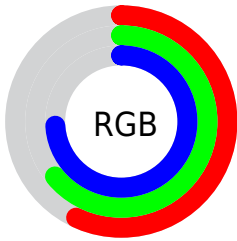
Format	Color
R_{YB}	145, 157, 188
Decimal	9544380
CIE _{Lab}	66.13, -0.21, -15.38
CIE _{LCh}	66, 15.381, 269.233
Yxy	35.4912, 0.2764, 0.2913
Android (android.graphics.Color)	4287734460 (0xFF91A2BC)
YUV	159.8810, 13.8627, -13.0506
Hunter-Lab	59.5745, -3.3582, -10.6990

Details

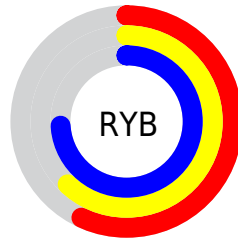
The XYZ color **33.6745, 35.4912, 52.6526** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4133, 41.8618, 32.7392**, and the grayscale version is **33.3039, 35.0383, 38.1568**.

A 20% lighter version of the original color is **64.6952, 68.2995, 95.3613**, and **14.5652, 15.2808, 25.1035** is the 20% darker color. If you saturate the color by 10%, you get **28.7194, 30.0982, 51.8734**, and if you desaturate by 10%, it is **39.3610, 41.5317, 53.5194**.

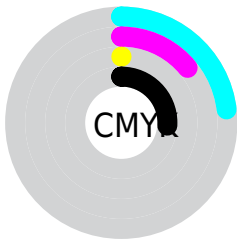
Distribution



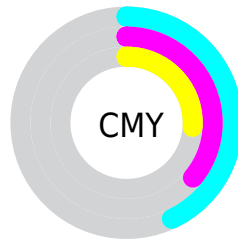
- Red (57%)
- Green (64%)
- Blue (74%)



- Red (57%)
- Yellow (62%)
- Blue (74%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (43%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6745, 35.4912, 52.6526 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 33.6745, 35.4912, 52.6526 by changing the saturation by 10% instead.

■ 33.6745, 35.4912,
52.6526

■ 33.6745, 35.4912,
52.6526

310.2897,
326.7312, 413.9793

■ 22.8054, 24.0415,
37.1397

■ 64.7748, 68.2460,
95.5293

■ 14.5698, 15.3644,
25.0190

■ 85.7367, 90.3199,
123.7302

■ 8.6023, 9.0755,
15.8721

110.7936,
116.7040, 156.9976

■ 4.5377, 4.7905,
9.2803

140.3108,
147.7827, 195.7498

■ 2.0106, 2.1249,
4.8252

174.6536,
183.9404, 240.4056

■ 0.6399, 0.6786,
2.0881

214.1875,

■ 0.0000, 0.0000,

225.5614, 291.3834

0.6087

259.2777,
273.0302, 349.1018

■ 0.0000, 0.0000,
0.0000

■ 33.6745, 35.4912,
52.6526

■ 33.6745, 35.4912,
52.6526

■ 28.7194, 30.0982,
51.8734

■ 39.3610, 41.5317,
53.5194

■ 24.4608, 25.3250,
51.1765

■ 45.8053, 48.2375,
54.4741

■ 20.8654, 21.1480,
50.5598

■ 53.0364, 55.6311,
55.5201

■ 17.8960, 17.5402,
50.0199

■ 61.0810, 63.7324,
56.6598

■ 15.5113, 14.4723,
49.5534

■ 69.9641, 72.5606,
57.8956

■ 13.6642, 11.9114,
49.1565

■ 78.6711, 81.5986,
59.1812

■ 12.2993, 9.8199,
48.8247

■ 81.9420, 88.1405,
60.2715

■ 11.5482, 8.5728,
48.6236

■ 85.4231, 95.1027,
61.4319

■ 86.0772, 96.4109,
61.6499

Harmonies

Analogous

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



31.5337, 35.4912, 50.5056



33.6745, 35.4912, 52.6526



35.9265, 35.4912, 50.7073

Triad

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



33.6745, 35.4912, 52.6526



37.7177, 35.4912, 32.8145



30.0945, 35.4912, 32.5534

Complementary

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



33.6745, 35.4912, 52.6526



40.4133, 41.8618, 32.7392

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.



31.6312, 35.4912, 28.6637



33.6745, 35.4912, 52.6526



36.0330, 35.4912, 28.8020

Square

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



33.6745, 35.4912, 52.6526



38.3237, 35.4912, 38.8127



33.7922, 35.4912, 27.3704



29.5249, 35.4912, 38.4756

Rectangle

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



33.6745, 35.4912, 52.6526



37.1743, 35.4912, 47.4638



33.7922, 35.4912, 27.3704



30.5115, 35.4912, 30.9905

Sweetspot

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



33.6756, 35.4926, 52.6534



77.8873, 82.1155, 97.9710



36.9927, 44.9196, 45.1496



16.5982, 17.5015, 21.0459



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.



33.6756, 35.4926, 52.6534



56.7653, 59.7135, 94.7602



31.6526, 30.3005, 51.7578



9.3177, 9.8276, 12.0780



7.9306, 5.9730, 33.1278



0.3748, 0.3622, 1.3190

Inverse Universe

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



37.3869, 33.5518, 38.6895



64.6471, 55.8981, 65.0366



42.7901, 48.1648, 33.8305



9.6822, 9.5972, 10.7154



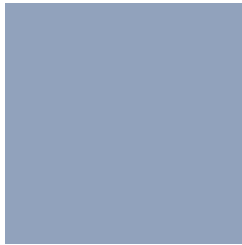
15.0038, 7.6327, 5.3135



0.6201, 0.3119, 0.3785

Previews

White Background



This preview shows how the XYZ color 33.6745, 35.4912, 52.6526 looks on a white background.

Color Contrast Check

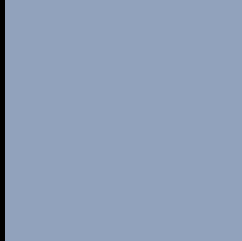
Large Text (above 18pt) WCAG AA × Fail

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 33.6745, 35.4912, 52.6526 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 33.6745, 35.4912, 52.6526

Background



This preview shows how black text looks on a background with the XYZ color 33.6745, 35.4912, 52.6526.



This preview shows how white text looks on a background with the XYZ color 33.6745, 35.4912,

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

33.6745, 35.4912, 52.6526

Protanopia

34.9714, 35.4094, 51.4459

Deuteranopia

36.1426, 35.4694, 53.0855



Tritanopia

32.5390, 35.5649, 46.7447

Trichromacy



Original Color

33.6745, 35.4912, 52.6526

Protanomaly

34.4893, 35.4049, 52.0297

Deuteranomaly

35.2937, 35.5383, 53.1435

Tritanomaly

32.9393, 35.4599, 48.8244

Monochromacy



Original Color

33.6745, 35.4912, 52.6526

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5181, 35.3606, 43.0889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6745, 35.4912, 52.6526 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(145, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 188)  
}
```

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(145, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 188) }
```

Border

The CSS property to change the border of an element to XYZ 33.6745, 35.4912, 52.6526 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(145, 162, 188) }
```


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

```
.border{ border-color:rgb(145, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6745, 35.4912, 52.6526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 188) }
```

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

```
.background{ background-color: rgb(145,  
162, 188) }
```

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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