

Converting Colors

XYZ(32.7119, 35.2311, 54.3177)

Have a look what the booklet for
XYZ(32.7119, 35.2311, 54.3177)
contains.

XYZ(32.6545, 35.1902, 54.3615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.6545, 35.1902,
54.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	88A3BF
RGB	136, 163, 191
RGB Percent	53%, 64%, 75%
CMY	0.4667, 0.3608, 0.2510
CMYK	0.29, 0.15, 0.00, 0.25
HSL	211°, 30%, 64%
HSV	211°, 29%, 75%
XYZ	32.6545, 35.1902, 54.3615
YIQ	158.1190, -25.0800, 2.9840

Conversions

Conversions Part 2

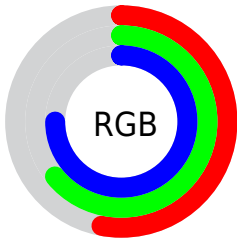
Format	Color
R_YB	136, 154, 191
Decimal	8954815
CIE _{Lab}	65.90, -2.81, -17.46
CIE _{LCh}	66, 17.686, 260.854
Yxy	35.1902, 0.2672, 0.2880
Android (android.graphics.Color)	4287144895 (0xFF88A3BF)
YUV	158.1190, 16.2103, -19.3984
Hunter-Lab	59.3213, -5.5538, -12.8079

Details

The XYZ color **32.6545, 35.1902, 54.3615** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.2058, 39.4052, 28.8331**, and the grayscale version is **32.4911, 34.1832, 37.2255**.

A 20% lighter version of the original color is **63.0951, 67.8054, 97.7580**, and **14.0182, 15.1352, 26.2273** is the 20% darker color. If you saturate the color by 10%, you get **28.1642, 30.4110, 53.6763**, and if you desaturate by 10%, it is **37.8325, 40.5227, 55.1185**.

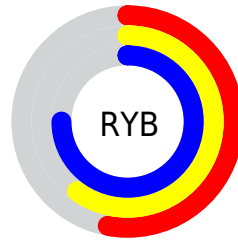
Distribution



Red (53%)

Green (64%)

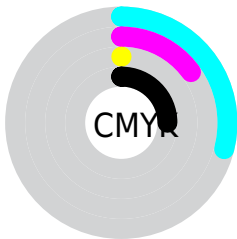
Blue (75%)



Red (53%)

Yellow (60%)

Blue (75%)

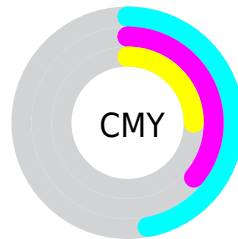


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6545, 35.1902, 54.3615 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 32.6545, 35.1902, 54.3615 by changing the saturation by 10% instead.

■ 32.6545, 35.1902,
54.3615

■ 32.6545, 35.1902,
54.3615

305.7826,
325.4071, 420.7006

■ 22.0199, 23.8094,
38.4956

■ 63.1940, 67.7803,
98.0666

■ 13.9882, 15.1923,
26.0628

■ 83.8297, 89.7584,
126.7428

■ 8.1941, 8.9545,
16.6444

■ 108.5296,
116.0378, 160.5263

■ 4.2722, 4.7115,
9.8220

137.6594,
147.0028, 199.8355

■ 1.8573, 2.0790,
5.1771

171.5842,
183.0378, 245.0890

■ 0.5518, 0.6528,
2.2910

210.6694,

■ 0.0000, 0.0000,

224.5273, 296.7053

0.7262

255.2804,
271.8556, 355.1030

■ 0.0000, 0.0000,
0.0000

■ 32.6545, 35.1902,
54.3615

■ 32.6545, 35.1902,
54.3615

■ 28.1642, 30.4110,
53.6763

■ 37.8325, 40.5227,
55.1185

■ 24.3260, 26.1598,
53.0580

■ 43.7250, 46.4240,
55.9470

■ 21.1059, 22.4154,
52.5050

■ 50.3613, 52.9141,
56.8499

■ 18.4651, 19.1529,
52.0145

■ 57.7679, 60.0109,
57.8294

■ 16.3599, 16.3450,
51.5834

■ 65.9701, 67.7312,
58.8872

■ 14.7393, 13.9603,
51.2085

■ 74.9919, 76.0912,
60.0254

■ 13.5198, 11.9502,
50.8848

■ 79.2384, 82.2102,
60.9826

■ 13.3863, 11.7260,
50.8486

■ 82.0369, 87.8073,
61.9155

■ 84.9890, 93.7115,
62.8995

Harmonies

Analogous

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



30.3728, 35.1902, 50.6023



32.6545, 35.1902, 54.3615



35.2691, 35.1902, 53.4073

Triad

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



32.6545, 35.1902, 54.3615



38.3687, 35.1902, 33.4157



29.6978, 35.1902, 29.9265

Complementary

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



32.6545, 35.1902, 54.3615



39.2058, 39.4052, 28.8331

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.



31.6892, 35.1902, 26.3748



32.6545, 35.1902, 54.3615



36.7224, 35.1902, 28.1994

Square

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



32.6545, 35.1902, 54.3615



38.6603, 35.1902, 40.6505



34.2527, 35.1902, 25.7866



28.7252, 35.1902, 36.0729

Rectangle

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



32.6545, 35.1902, 54.3615



36.8448, 35.1902, 50.2708



34.2527, 35.1902, 25.7866



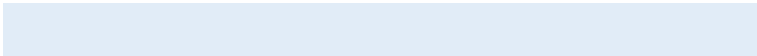
30.2652, 35.1902, 28.4250

Sweetspot

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



32.6556, 35.1916, 54.3623



77.9220, 82.7598, 100.1464



35.4407, 45.1589, 41.7351



16.7528, 17.8181, 21.9416



92.9021, 97.7402, 106.4391



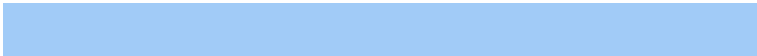
19.4759, 20.4902, 22.3138

Same Dimension

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



32.6556, 35.1916, 54.3623



52.9176, 57.1347, 96.5182



28.3624, 26.6051, 52.9312



9.3928, 9.9779, 12.1031



8.8774, 7.8665, 33.4434



0.4132, 0.4391, 1.3318

Inverse Universe

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



36.9018, 31.3300, 38.7542



62.0001, 49.5750, 62.9755



44.5612, 50.1162, 30.6183



9.7201, 9.6123, 10.9151



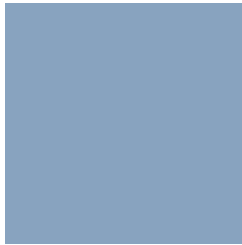
15.4817, 7.8238, 7.8301



0.6395, 0.3197, 0.4808

Previews

White Background



This preview shows how the XYZ color 32.6545, 35.1902, 54.3615 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 32.6545, 35.1902, 54.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

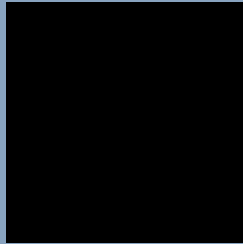
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

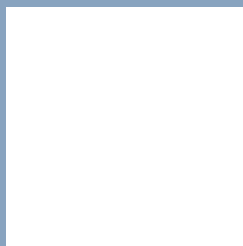
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6545, 35.1902, 54.3615

Background



This preview shows how black text looks on a background with the XYZ color 32.6545, 35.1902, 54.3615.



This preview shows how white text looks on a background with the XYZ color 32.6545, 35.1902,

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

32.6545, 35.1902, 54.3615

Protanopia

34.6304, 34.9546, 52.4986

Deuteranopia

35.7010, 34.9536, 54.7343



Tritanopia

31.1639, 35.1112, 47.2541

Trichromacy



Original Color

32.6545, 35.1902, 54.3615

Protanomaly

33.7887, 35.0188, 53.1226

Deuteranomaly

34.6751, 35.1814, 54.8323

Tritanomaly

31.6542, 35.0381, 49.8944

Monochromacy



Original Color

32.6545, 35.1902, 54.3615

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4042, 34.5279, 42.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6545, 35.1902, 54.3615 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(136, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 163, 191)  
}
```

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(136, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 163, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.6545, 35.1902, 54.3615 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(136, 163, 191) }
```


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

```
.border{ border-color:rgb(136, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 163,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6545, 35.1902, 54.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 163, 191) }
```

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

```
.background{ background-color: rgb(136,  
163, 191) }
```

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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