

Converting Colors

XYZ(32.7310, 35.5119, 45.2321)

Have a look what the booklet for
XYZ(32.7310, 35.5119, 45.2321)
contains.

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Color

**XYZ(32.5912, 35.3614,
45.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	92A3AE
RGB	146, 163, 174
RGB Percent	57%, 64%, 68%
CMY	0.4274, 0.3608, 0.3176
CMYK	0.16, 0.06, 0.00, 0.32
HSL	204°, 15%, 63%
HSV	204°, 16%, 68%
XYZ	32.5912, 35.3614, 45.1521
YIQ	159.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

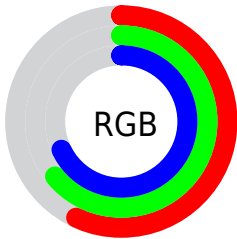
Format	Color
RYB	146, 157, 174
Decimal	9610158
CIELab	66.03, -3.61, -7.71
CIELCh	66, 8.516, 244.925
Yxy	35.3614, 0.2882, 0.3126
Android (android.graphics.Color)	4287800238 (0xFF92A3AE)
YUV	159.1710, 7.3107, -11.5510
Hunter-Lab	59.4655, -6.2341, -3.3931

Details

The XYZ color **32.5912, 35.3614, 45.1521** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7010, 35.1877, 32.1576**, and the grayscale version is **33.0058, 34.7246, 37.8151**.

A 20% lighter version of the original color is **63.0337, 68.0793, 83.9471**, and **13.9166, 15.2069, 20.6141** is the 20% darker color. If you saturate the color by 10%, you get **28.5498, 31.5259, 44.6253**, and if you desaturate by 10%, it is **37.1710, 39.5737, 45.7243**.

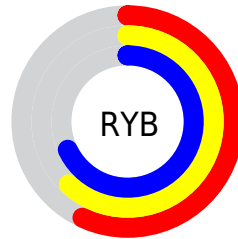
Distribution



Red (57%)

Green (64%)

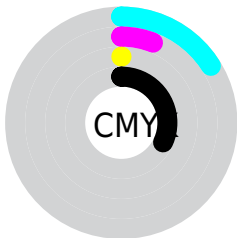
Blue (68%)



Red (57%)

Yellow (62%)

Blue (68%)

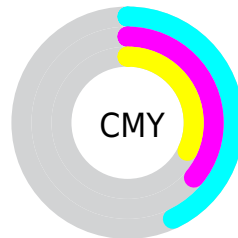


Cyan (16%)

Magenta (6%)

Yellow (0%)

Black (32%)



Cyan (43%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5912, 35.3614, 45.1521 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 32.5912, 35.3614, 45.1521 by changing the saturation by 10% instead.

■ 32.5912, 35.3614,
45.1521

■ 32.5912, 35.3614,
45.1521

305.5013,
326.1607, 383.5673

■ 21.9712, 23.9414,
31.2334

■ 63.0957, 68.0453,
84.2695

■ 13.9522, 15.2902,
20.5167

■ 83.7110, 90.0779,
110.3053

■ 8.1689, 9.0233,
12.5834

108.3886,
116.4169, 141.2172

■ 4.2559, 4.7564,
7.0150

137.4941,
147.4466, 177.4237

■ 1.8479, 2.1050,
3.3929

171.3928,
183.5514, 219.3435

■ 0.5463, 0.6675,
1.2986

210.4500,

■ 0.0000, 0.0000,

225.1158, 267.3949

0.0606

255.0310,
272.5241, 321.9967

■ 0.0000, 0.0000,
0.0000

■ 32.5912, 35.3614,
45.1521

■ 32.5912, 35.3614,
45.1521

■ 28.5498, 31.5259,
44.6253

■ 37.1710, 39.5737,
45.7243

■ 25.0216, 28.0498,
44.1403

■ 42.3071, 44.1707,
46.3410

■ 21.9835, 24.9207,
43.6965

■ 48.0201, 49.1654,
47.0039

■ 19.4099, 22.1237,
43.2923

■ 54.3288, 54.5690,
47.7144

■ 17.2720, 19.6424,
42.9260

■ 61.2509, 60.3919,
48.4735

■ 15.5380, 17.4586,
42.5959

■ 68.8036, 66.6443,
49.2823

■ 14.1711, 15.5517,
42.2999

■ 72.1354, 70.8266,
49.9139

■ 13.1227, 13.8948,
42.0353

■ 73.8679, 74.2916,
50.4914

■ 12.7591, 13.2940,
41.9385

■ 75.6734, 77.9027,
51.0933

Harmonies

Analogous

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



31.6578, 35.3614, 42.6233



32.5912, 35.3614, 45.1521



33.8189, 35.3614, 45.8561

Triad

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



32.5912, 35.3614, 45.1521



36.0881, 35.3614, 37.9085



32.2387, 35.3614, 33.0769

Complementary

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



32.5912, 35.3614, 45.1521



34.7010, 35.1877, 32.1576

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.



33.4019, 35.3614, 31.9804



32.5912, 35.3614, 45.1521



35.6407, 35.3614, 34.6563

Square

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



32.5912, 35.3614, 45.1521



35.8580, 35.3614, 41.5260



34.6497, 35.3614, 32.5402



31.4579, 35.3614, 35.6295

Rectangle

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



32.5912, 35.3614, 45.1521



34.6439, 35.3614, 45.1606



34.6497, 35.3614, 32.5402



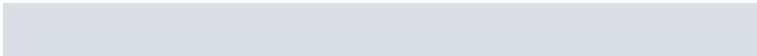
32.5968, 35.3614, 32.5333

Sweetspot

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



32.5922, 35.3629, 45.1529



68.3123, 72.5866, 83.0470



33.0537, 38.8089, 37.5284



15.0473, 16.0102, 18.4415



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5922, 35.3629, 45.1529



56.6345, 61.8125, 81.5829



30.2843, 30.7469, 44.3836



7.9683, 8.5359, 10.1803



9.3131, 9.7601, 30.4375



0.3103, 0.3740, 0.8638

Inverse Universe

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



34.3461, 32.2015, 39.0574



60.4024, 55.1868, 68.4503



37.1570, 40.0998, 32.9763



8.2018, 8.0940, 9.3734



14.5645, 7.2883, 10.6179



0.4310, 0.2131, 0.4316

Previews

White Background



This preview shows how the XYZ color 32.5912, 35.3614, 45.1521 looks on a white background.

Color Contrast Check

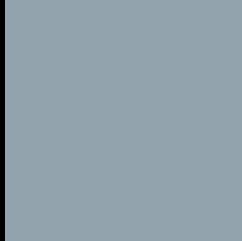
Large Text (above 18pt) WCAG AA × Fail

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 32.5912, 35.3614, 45.1521 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

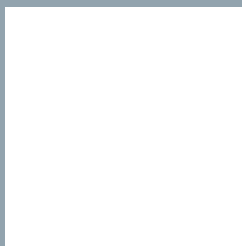
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5912, 35.3614, 45.1521

Background



This preview shows how black text looks on a background with the XYZ color 32.5912, 35.3614, 45.1521.

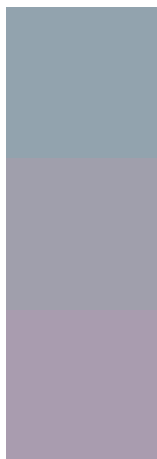


This preview shows how white text looks on a background with the XYZ color 32.5912, 35.3614,

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

32.5912, 35.3614, 45.1521

Protanopia

34.3417, 35.2484, 44.0233

Deuteranopia

35.9885, 35.3071, 45.4756



Tritanopia

32.7877, 35.4400, 46.1868

Trichromacy



Original Color

32.5912, 35.3614, 45.1521

Protanomaly

33.6312, 35.1273, 44.5429

Deuteranomaly

34.8339, 35.4685, 45.5676

Tritanomaly

32.6891, 35.4005, 45.6675

Monochromacy



Original Color

32.5912, 35.3614, 45.1521

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.5981, 34.6920, 40.1001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5912, 35.3614, 45.1521 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(146, 163, 174) looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 174)  
}
```

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(146, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.5912, 35.3614, 45.1521 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(146, 163, 174) }
```


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

```
.border{ border-color:rgb(146, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(146, 163,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5912, 35.3614, 45.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 174) }
```

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

```
.background{ background-color: rgb(146,  
163, 174) }
```

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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