

Converting Colors

XYZ(32.9745, 34.7392, 54.4024)

Have a look what the booklet for
XYZ(32.9745, 34.7392, 54.4024)
contains.

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Color

**XYZ(32.9641, 34.8268,
54.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA1BF
RGB	140, 161, 191
RGB Percent	55%, 63%, 75%
CMY	0.4510, 0.3686, 0.2510
CMYK	0.27, 0.16, 0.00, 0.25
HSL	215°, 28%, 65%
HSV	215°, 27%, 75%
XYZ	32.9641, 34.8268, 54.2751
YIQ	158.1410, -22.1460, 4.8780

Conversions

Conversions Part 2

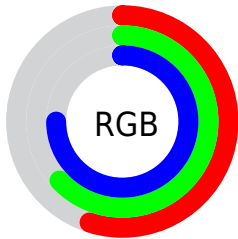
Format	Color
RYB	140, 155, 191
Decimal	9216447
CIELab	65.61, -0.49, -17.87
CIELCh	66, 17.872, 268.433
Yxy	34.8268, 0.2701, 0.2853
Android (android.graphics.Color)	4287406527 (0xFF8CA1BF)
YUV	158.1410, 16.1995, -15.9097
Hunter-Lab	59.0142, -3.5686, -13.2188

Details

The XYZ color **32.9641, 34.8268, 54.2751** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.5948, 41.7196, 30.7251**, and the grayscale version is **32.5003, 34.1928, 37.2360**.

A 20% lighter version of the original color is **63.5925, 67.2965, 97.6335**, and **14.2832, 15.1107, 26.2086** is the 20% darker color. If you saturate the color by 10%, you get **28.1450, 29.5584, 53.5128**, and if you desaturate by 10%, it is **38.5204, 40.7389, 55.1240**.

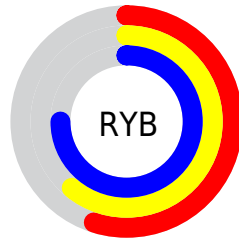
Distribution



Red (55%)

Green (63%)

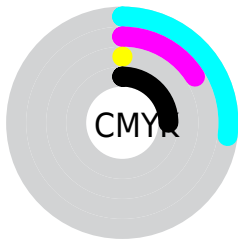
Blue (75%)



Red (55%)

Yellow (61%)

Blue (75%)

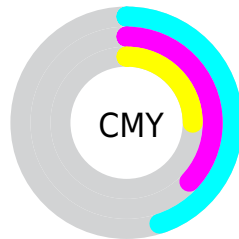


Cyan (27%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9641, 34.8268, 54.2751 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 32.9641, 34.8268, 54.2751 by changing the saturation by 10% instead.

■ 32.9641, 34.8268,
54.2751

■ 32.9641, 34.8268,
54.2751

307.1558,
323.8032, 420.3624

■ 22.2580, 23.5295,
38.4270

■ 63.6745, 67.2174,
97.9385

■ 14.1643, 14.9850,
26.0098

■ 84.4096, 89.0794,
126.5909

■ 8.3175, 8.8088,
16.6052

■ 109.2184,
115.2318, 160.3484

■ 4.3523, 4.6167,
9.7944

138.4663,
146.0590, 199.6297

■ 1.9033, 2.0242,
5.1590

172.5186,
181.9453, 244.8531

■ 0.5788, 0.6215,
2.2805

211.7408,

■ 0.0000, 0.0000,

223.2752, 296.4374

0.7203

256.4980,
270.4330, 354.8010

■ 0.0000, 0.0000,
0.0000

■ 32.9641, 34.8268,
54.2751

■ 32.9641, 34.8268,
54.2751

■ 28.1450, 29.5584,
53.5128

■ 38.5204, 40.7389,
55.1240

■ 24.0264, 24.9053,
52.8317

■ 44.8420, 47.3131,
56.0597

■ 20.5732, 20.8431,
52.2296

■ 51.9592, 54.5723,
57.0858

■ 17.7454, 17.3438,
51.7032

■ 59.8998, 62.5371,
58.2046

■ 15.4987, 14.3766,
51.2489

■ 68.6901, 71.2269,
59.4187

■ 13.7817, 11.9068,
50.8627

■ 78.3553, 80.6605,
60.7301

■ 12.5274, 9.8912,
50.5398

■ 81.7005, 87.1344,
61.8034

■ 12.1751, 9.3036,
50.4449

■ 85.1045, 93.9425,
62.9381

■ 86.4041, 96.5416,
63.3713

Harmonies

Analogous

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



30.5304, 34.8268, 51.6115



32.9641, 34.8268, 54.2751



35.5626, 34.8268, 52.0981

Triad

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



32.9641, 34.8268, 54.2751



37.7395, 34.8268, 31.4485



28.9867, 34.8268, 30.8485

Complementary

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



32.9641, 34.8268, 54.2751



40.5948, 41.7196, 30.7251

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.



30.7573, 34.8268, 26.5810



32.9641, 34.8268, 54.2751



35.8137, 34.8268, 26.8939

Square

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



32.9641, 34.8268, 54.2751



38.4055, 34.8268, 38.3168



33.2399, 34.8268, 25.2333



28.3104, 34.8268, 37.5268

Rectangle

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



32.9641, 34.8268, 54.2751



37.0218, 34.8268, 48.3376



33.2399, 34.8268, 25.2333



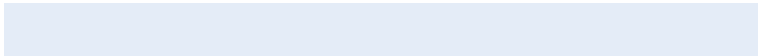
29.4688, 34.8268, 29.1191

Sweetspot

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



32.9652, 34.8282, 54.2759



78.6109, 82.9838, 100.1534



36.6789, 45.7306, 44.8009



16.8701, 17.8170, 21.9352



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.



32.9652, 34.8282, 54.2759



53.8714, 56.7600, 96.3956



30.3283, 28.4706, 53.1877



9.3305, 9.8533, 12.0823



8.0764, 6.2646, 33.1764



0.3810, 0.3746, 1.3211

Inverse Universe

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



37.2979, 32.4068, 38.0090



63.0387, 52.1235, 61.8685



43.7976, 49.6890, 32.0945



9.6887, 9.5998, 10.7496



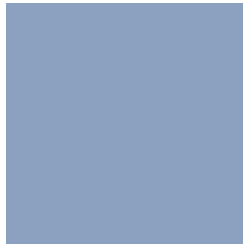
15.0774, 7.6621, 5.7011



0.6232, 0.3132, 0.3950

Previews

White Background



This preview shows how the XYZ color 32.9641, 34.8268, 54.2751 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 32.9641, 34.8268, 54.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

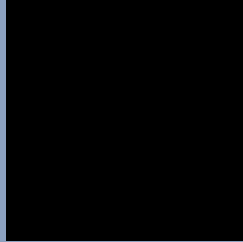
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9641, 34.8268, 54.2751

Background



This preview shows how black text looks on a background with the XYZ color 32.9641, 34.8268, 54.2751.



This preview shows how white text looks on a background with the XYZ color 32.9641, 34.8268,

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

32.9641, 34.8268, 54.2751

Protanopia

34.5490, 34.9001, 53.0596

Deuteranopia

35.5034, 34.8518, 54.7250



Tritanopia

31.3495, 34.6871, 46.6380

Trichromacy



Original Color

32.9641, 34.8268, 54.2751

Protanomaly

33.9051, 34.8099, 53.6472

Deuteranomaly

34.5038, 34.8388, 54.7752

Tritanomaly

31.8451, 34.6213, 49.2601

Monochromacy



Original Color

32.9641, 34.8268, 54.2751

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4163, 34.2779, 42.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9641, 34.8268, 54.2751 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(140, 161, 191)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 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(140, 161, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 191) }
```

Border

The CSS property to change the border of an element to XYZ 32.9641, 34.8268, 54.2751 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(140, 161, 191) }
```


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

```
.border{ border-color:rgb(140, 161, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 161, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 191);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9641, 34.8268, 54.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 161, 191) }
```

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

```
.background{ background-color: rgb(140,  
161, 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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