

Converting Colors

XYZ(32.9306, 34.7930, 45.3373)

Have a look what the booklet for
XYZ(32.9306, 34.7930, 45.3373)
contains.

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Color

**XYZ(32.8863, 34.7208,
45.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	96A0AF
RGB	150, 160, 175
RGB Percent	59%, 63%, 69%
CMY	0.4118, 0.3725, 0.3137
CMYK	0.14, 0.09, 0.00, 0.31
HSL	216°, 14%, 64%
HSV	216°, 14%, 69%
XYZ	32.8863, 34.7208, 45.5259
YIQ	158.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

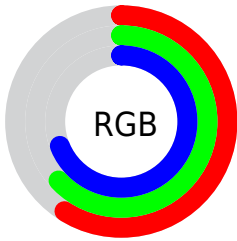
Format	Color
RYB	150, 157, 175
Decimal	9871535
CIELab	65.53, -0.41, -8.98
CIELCh	66, 8.992, 267.400
Yxy	34.7208, 0.2907, 0.3069
Android (android.graphics.Color)	4288061615 (0xFF96A0AF)
YUV	158.7200, 8.0260, -7.6474
Hunter-Lab	58.9244, -3.4949, -4.5613

Details

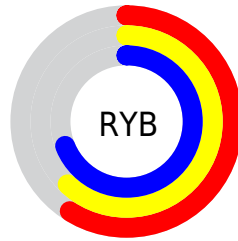
The XYZ color **32.8863, 34.7208, 45.5259** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6394, 38.2259, 34.3019**, and the grayscale version is **32.7957, 34.5036, 37.5744**.

A 20% lighter version of the original color is **63.6261, 67.2078, 85.2202**, and **14.1894, 15.0200, 20.8902** is the 20% darker color. If you saturate the color by 10%, you get **28.1598, 29.6964, 44.8058**, and if you desaturate by 10%, it is **38.2495, 40.3034, 46.3213**.

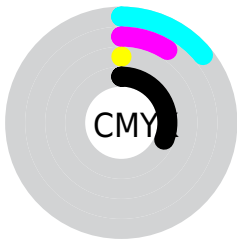
Distribution



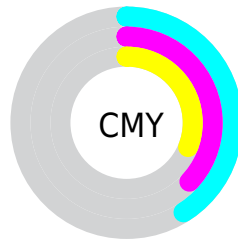
- Red (59%)
- Green (63%)
- Blue (69%)



- Red (59%)
- Yellow (62%)
- Blue (69%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8863, 34.7208, 45.5259 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 32.8863, 34.7208, 45.5259 by changing the saturation by 10% instead.

■ 32.8863, 34.7208,
45.5259

■ 32.8863, 34.7208,
45.5259

306.8111,
323.3342, 385.1214

■ 22.1982, 23.4479,
31.5259

■ 63.5538, 67.0530,
84.8358

■ 14.1200, 14.9246,
20.7378

■ 84.2640, 88.8811,
110.9828

■ 8.2864, 8.7665,
12.7431

109.0455,
114.9964, 142.0159

■ 4.3321, 4.5892,
7.1233

138.2637,
145.7832, 178.3536

■ 1.8917, 2.0083,
3.4597

172.2840,
181.6260, 220.4144

■ 0.5720, 0.6123,
1.3339

211.4718,

■ 0.0000, 0.0000,

222.9092, 268.6170

0.0893

256.1924,
270.0171, 323.3798

■ 0.0000, 0.0000,
0.0000

■ 32.8863, 34.7208,
45.5259

■ 32.8863, 34.7208,
45.5259

■ 28.1598, 29.6964,
44.8058

■ 38.2495, 40.3034,
46.3213

■ 24.0420, 25.2074,
44.1563

■ 44.2698, 46.4575,
47.1919

■ 20.5070, 21.2356,
43.5760

■ 50.9708, 53.2013,
48.1404

■ 17.5260, 17.7601,
43.0623

■ 58.3735, 60.5507,
49.1688

■ 15.0674, 14.7581,
42.6124

■ 66.4983, 68.5211,
50.2790

■ 13.0962, 12.2051,
42.2235

■ 75.3639, 77.1270,
51.4729

■ 11.5724, 10.0733,
41.8924

■ 78.2563, 82.9118,
52.4370

■ 10.4488, 8.3310,
41.6153

■ 81.3256, 89.0505,
53.4601

■ 9.9293, 7.4778,
41.4780

■ 84.5749, 95.5491,
54.5432

Harmonies

Analogous

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



31.6549, 34.7208, 44.2526



32.8863, 34.7208, 45.5259



34.1807, 34.7208, 44.6191

Triad

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



32.8863, 34.7208, 45.5259



35.3017, 34.7208, 34.5635



30.9125, 34.7208, 34.0293

Complementary

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



32.8863, 34.7208, 45.5259



36.6394, 38.2259, 34.3019

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.



31.8489, 34.7208, 31.7226



32.8863, 34.7208, 45.5259



34.3849, 34.7208, 32.0163

Square

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



32.8863, 34.7208, 45.5259



35.5970, 34.7208, 38.1351



33.1161, 34.7208, 31.0105



30.5345, 34.7208, 37.4769

Rectangle

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



32.8863, 34.7208, 45.5259



34.9012, 34.7208, 42.9317



33.1161, 34.7208, 31.0105



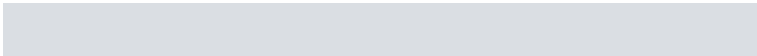
31.1712, 34.7208, 33.1037

Sweetspot

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



32.8873, 34.7222, 45.5267



68.7232, 72.4085, 82.9910



34.6618, 39.8460, 41.2635



15.1065, 15.9203, 18.4211



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.



32.8873, 34.7222, 45.5267



56.2347, 59.3746, 81.1334



31.6093, 31.5919, 44.9898



7.8320, 8.2635, 10.1349



7.1674, 5.4687, 29.7223



0.2538, 0.2610, 0.8450

Inverse Universe

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



34.9315, 33.4654, 37.8778



60.6005, 56.7971, 64.7731



38.0507, 41.7372, 34.9053



8.1330, 8.0665, 9.0114



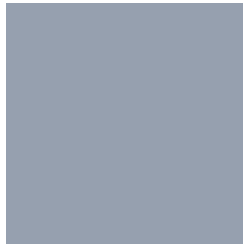
13.4814, 6.8551, 4.9147



0.4025, 0.2017, 0.2814

Previews

White Background



This preview shows how the XYZ color 32.8863, 34.7208, 45.5259 looks on a white background.

Color Contrast Check

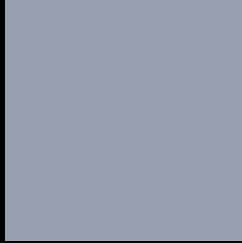
Large Text (above 18pt) WCAG AA × Fail

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 32.8863, 34.7208, 45.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

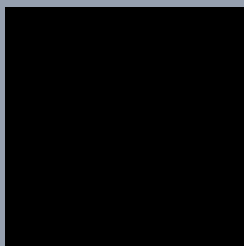
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

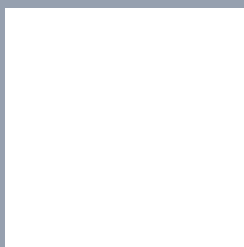
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8863, 34.7208, 45.5259

Background



This preview shows how black text looks on a background with the XYZ color 32.8863, 34.7208, 45.5259.



This preview shows how white text looks on a background with the XYZ color 32.8863, 34.7208,

45.5259.

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

32.8863, 34.7208, 45.5259

Protanopia

33.7715, 34.6778, 44.9579

Deuteranopia

35.2837, 34.6843, 45.9094



Tritanopia

32.6913, 34.6428, 44.4989

Trichromacy



Original Color

32.8863, 34.7208, 45.5259

Protanomaly

33.3645, 34.7223, 44.9880

Deuteranomaly

34.3906, 34.7221, 45.9638

Tritanomaly

32.7885, 34.6816, 45.0105

Monochromacy



Original Color

32.8863, 34.7208, 45.5259

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.9000, 34.5808, 40.5381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8863, 34.7208, 45.5259 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(150, 160, 175)` looks like.

```
.text, #text, p{  
    color:rgb(150, 160, 175)  
}
```

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(150, 160, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 160, 175) }
```

Border

The CSS property to change the border of an element to XYZ 32.8863, 34.7208, 45.5259 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(150, 160, 175) }
```


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

```
.border{ border-color:rgb(150, 160, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 160, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 160, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 160, 175);  
box-shadow:4px 4px 4px 4px rgb(150, 160,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8863, 34.7208, 45.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 160, 175) }
```

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

```
.background{ background-color: rgb(150,  
160, 175) }
```

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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