

Converting Colors

XYZ(29.3981, 32.4791, 35.2755)

Have a look what the booklet for
XYZ(29.3981, 32.4791, 35.2755)
contains.

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Color

**XYZ(29.3913, 32.3763,
35.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	909D9A
RGB	144, 157, 154
RGB Percent	56%, 62%, 60%
CMY	0.4353, 0.3843, 0.3961
CMYK	0.08, 0.00, 0.02, 0.38
HSL	166°, 6%, 59%
HSV	166°, 8%, 62%
XYZ	29.3913, 32.3763, 35.2720
YIQ	152.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

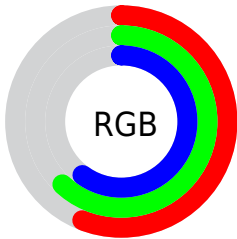
Format	Color
RYB	144, 151, 157
Decimal	9477530
CIELab	63.65, -5.22, -0.03
CIELCh	64, 5.216, 180.281
Yxy	32.3763, 0.3029, 0.3336
Android (android.graphics.Color)	4287667610 (0xFF909D9A)
YUV	152.7710, 0.6059, -7.6922
Hunter-Lab	56.9002, -7.3727, 3.0767

Details

The XYZ color **29.3913, 32.3763, 35.2720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1455, 29.2221, 31.7096**, and the grayscale version is **30.1790, 31.7507, 34.5765**.

A 20% lighter version of the original color is **58.2174, 63.6468, 68.8912**, and **12.2183, 13.6670, 14.8260** is the 20% darker color. If you saturate the color by 10%, you get **26.5403, 30.9418, 33.5866**, and if you desaturate by 10%, it is **32.6346, 34.0138, 37.0248**.

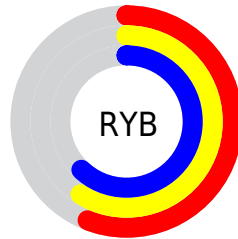
Distribution



Red (56%)

Green (62%)

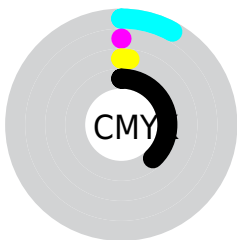
Blue (60%)



Red (56%)

Yellow (59%)

Blue (62%)

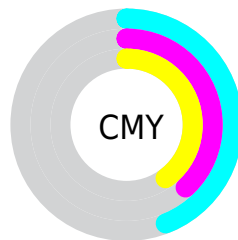


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3913, 32.3763, 35.2720 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 29.3913, 32.3763, 35.2720 by changing the saturation by 10% instead.

■ 29.3913, 32.3763,
35.2720

■ 29.3913, 32.3763,
35.2720

291.0178,
312.8299, 340.7080

■ 19.5228, 21.6491,
23.5872

■ 58.0915, 63.4005,
69.0633

■ 12.1549, 13.5993,
14.8184

■ 77.6539, 84.4664,
92.0069

■ 6.9222, 7.8425,
8.5468

101.1783,
109.7472, 119.5405

■ 3.4594, 3.9943,
4.3540

129.0300,
139.6274, 152.0827

■ 1.4011, 1.6704,
1.8215

161.5745,
174.4913, 190.0520

■ 0.2570, 0.4044,
0.4421

199.1770,

■ 0.0000, 0.0000,

214.7235, 233.8669

0.0000

242.2030,
260.7082, 283.9461

■ 29.3913, 32.3763,
35.2720

■ 29.3913, 32.3763,
35.2720

■ 26.5403, 30.9418,
33.5866

■ 32.6346, 34.0138,
37.0248

■ 24.0632, 29.6982,
31.9652

■ 36.2824, 35.8578,
38.8438

■ 21.9441, 28.6380,
30.4073

■ 40.3496, 37.9169,
40.7309

■ 20.1648, 27.7520,
28.9117

■ 44.8494, 40.1981,
42.6871

■ 18.7057, 27.0301,
27.4770

■ 49.7948, 42.7078,
44.7133

■ 17.5450, 26.4609,
26.1018

■ 55.1979, 45.4523,
46.8106

■ 16.6579, 26.0319,
24.7844

■ 61.0705, 48.4378,
48.9798

■ 16.0161, 25.7282,
23.5231

■ 61.8453, 48.7942,
50.9609

■ 15.5654, 25.5222,
22.3149

■ 62.2276, 48.9472,
52.9743

Harmonies

Analogous

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



29.5706, 32.3763, 33.2981



29.3913, 32.3763, 35.2720



29.5773, 32.3763, 37.3169

Triad

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



29.3913, 32.3763, 35.2720



31.4854, 32.3763, 38.8362



31.4733, 32.3763, 31.8775

Complementary

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



29.3913, 32.3763, 35.2720



29.1455, 29.2221, 31.7096

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.



31.9999, 32.3763, 33.2653



29.3913, 32.3763, 35.2720



32.0070, 32.3763, 37.2814

Square

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



29.3913, 32.3763, 35.2720



30.7796, 32.3763, 39.4237



32.1967, 32.3763, 35.2326



30.7658, 32.3763, 31.3860

Rectangle

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



29.3913, 32.3763, 35.2720



29.8851, 32.3763, 38.4333



32.1967, 32.3763, 35.2326



31.6777, 32.3763, 32.2518

Sweetspot

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



29.3922, 32.3777, 35.2727



56.1773, 59.7686, 65.1117



29.1306, 32.3351, 31.0920



12.3774, 13.1598, 14.3360



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.3922, 32.3777, 35.2727



51.6068, 57.4637, 62.5808



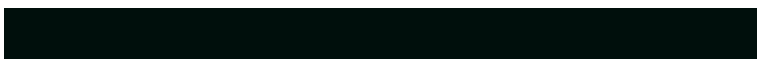
29.0671, 31.3223, 36.4137



6.7563, 7.4833, 8.1512



12.5974, 20.7069, 18.0349



0.2400, 0.3762, 0.4004

Inverse Universe

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



29.1455, 29.2221, 31.7096



51.0700, 50.5966, 54.8272



29.4462, 30.1956, 30.6624



6.6927, 6.6700, 7.2329



11.5673, 5.9315, 1.9722



0.2213, 0.1118, 0.1114

Previews

White Background



This preview shows how the XYZ color 29.3913, 32.3763, 35.2720 looks on a white background.

Color Contrast Check

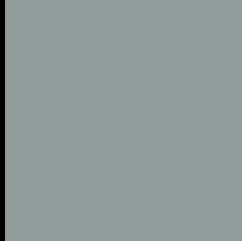
Large Text (above 18pt) WCAG AA × Fail

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 29.3913, 32.3763, 35.2720 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

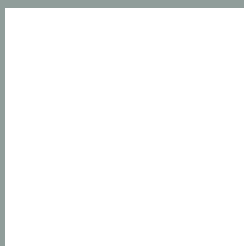
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3913, 32.3763, 35.2720

Background



This preview shows how black text looks on a background with the XYZ color 29.3913, 32.3763, 35.2720.



This preview shows how white text looks on a background with the XYZ color 29.3913, 32.3763,

35.2720.

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

29.3913, 32.3763, 35.2720

Protanopia

30.9634, 32.2176, 34.2924

Deuteranopia

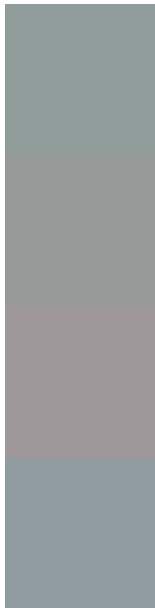
32.8966, 32.2200, 35.9377



Tritanopia

30.5505, 32.3437, 41.1920

Trichromacy



Original Color

29.3913, 32.3763, 35.2720

Protanomaly

30.2543, 32.0865, 34.7357

Deuteranomaly

31.4427, 32.1940, 35.5672

Tritanomaly

30.0871, 32.4053, 38.8515

Monochromacy



Original Color

29.3913, 32.3763, 35.2720

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.8830, 31.8951, 34.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3913, 32.3763, 35.2720 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(144, 157, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 154)  
}
```

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(144, 157, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.3913, 32.3763, 35.2720 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(144, 157, 154) }
```


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

```
.border{ border-color:rgb(144, 157, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3913, 32.3763, 35.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 154) }
```

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

```
.background{ background-color: rgb(144,  
157, 154) }
```

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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