

Converting Colors

XYZ(29.7833, 33.2972, 35.4457)

Have a look what the booklet for
XYZ(29.7833, 33.2972, 35.4457)
contains.

XYZ(29.7312, 33.3143, 35.4352)	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(29.7312, 33.3143,
35.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA09A
RGB	143, 160, 154
RGB Percent	56%, 63%, 60%
CMY	0.4392, 0.3725, 0.3961
CMYK	0.11, 0.00, 0.04, 0.37
HSL	159°, 8%, 59%
HSV	159°, 11%, 63%
XYZ	29.7312, 33.3143, 35.4352
YIQ	154.2330, -8.2060, -5.4700

Conversions

Conversions Part 2

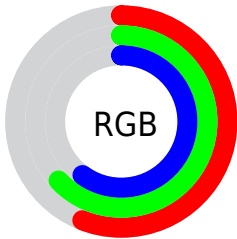
Format	Color
RYB	143, 153, 160
Decimal	9412762
CIELab	64.41, -7.20, 1.08
CIELCh	64, 7.282, 171.499
Yxy	33.3143, 0.3019, 0.3383
Android (android.graphics.Color)	4287602842 (0xFF8FA09A)
YUV	154.2330, -0.1149, -9.8513
Hunter-Lab	57.7185, -9.0609, 4.0030

Details

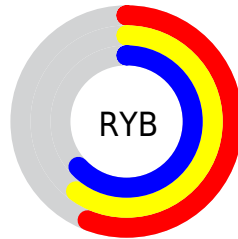
The XYZ color **29.7312, 33.3143, 35.4352** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7456, 29.2892, 32.5208**, and the grayscale version is **30.8213, 32.4264, 35.3123**.

A 20% lighter version of the original color is **58.7116, 65.0253, 69.1312**, and **12.4310, 14.2437, 14.9261** is the 20% darker color. If you saturate the color by 10%, you get **26.6972, 31.8042, 32.8954**, and if you desaturate by 10%, it is **33.1843, 35.0397, 38.1116**.

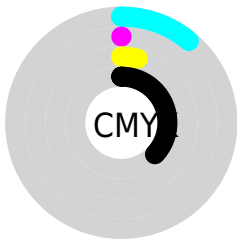
Distribution



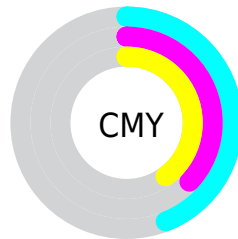
- Red (56%)
- Green (63%)
- Blue (60%)



- Red (56%)
- Yellow (60%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (44%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7312, 33.3143, 35.4352 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 29.7312, 33.3143, 35.4352 by changing the saturation by 10% instead.

■ 29.7312, 33.3143,
35.4352

■ 29.7312, 33.3143,
35.4352

292.5819,
317.0636, 341.4476

■ 19.7817, 22.3673,
23.7121

■ 58.6264, 64.8659,
69.3186

■ 12.3438, 14.1271,
14.9100

■ 78.3028, 86.2394,
92.3160

■ 7.0521, 8.2091,
8.6103

101.9522,
111.8571, 119.9085

■ 3.5413, 4.2290,
4.3946

129.9400,
142.1035, 152.5148

■ 1.4461, 1.8025,
1.8442

162.6315,
177.3629, 190.5532

■ 0.2887, 0.4887,
0.4569

200.3920,

■ 0.0000, 0.0000,

218.0198, 234.4425

0.0000

243.5871,
264.4586, 284.6011

■ 29.7312, 33.3143,
35.4352

■ 29.7312, 33.3143,
35.4352

■ 26.6972, 31.8042,
32.8954

■ 33.1843, 35.0397,
38.1116

■ 24.0626, 30.4966,
30.4875

■ 37.0697, 36.9845,
40.9247

■ 21.8101, 29.3835,
28.2100

■ 41.4034, 39.1577,
43.8775

■ 19.9202, 28.4548,
26.0602

■ 46.1998, 41.5668,
46.9719

■ 18.3716, 27.6997,
24.0355

■ 51.4724, 44.2187,
50.2103

■ 17.1405, 27.1059,
22.1330

■ 57.2346, 47.1203,
53.5946

■ 16.2001, 26.6596,
20.3498

■ 63.4975, 50.2773,
57.1267

■ 15.5187, 26.3445,
18.6825

■ 64.1422, 50.5351,
60.5216

■ 15.0457, 26.1326,
17.2200

■ 64.8113, 50.8028,
64.0448

Harmonies

Analogous

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



30.1280, 33.3143, 32.8306



29.7312, 33.3143, 35.4352



29.8435, 33.3143, 38.4088

Triad

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



29.7312, 33.3143, 35.4352



32.4013, 33.3143, 41.8556



32.9230, 33.3143, 31.9820

Complementary

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



29.7312, 33.3143, 35.4352



29.7456, 29.2892, 32.5208

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.



33.5576, 33.3143, 34.2191



29.7312, 33.3143, 35.4352



33.2519, 33.3143, 39.9493

Square

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



29.7312, 33.3143, 35.4352



31.3701, 33.3143, 42.2251



33.6793, 33.3143, 37.1251



31.9602, 33.3143, 30.9094

Rectangle

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



29.7312, 33.3143, 35.4352



30.1929, 33.3143, 40.1941



33.6793, 33.3143, 37.1251



33.1826, 33.3143, 32.6168

Sweetspot

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



29.7321, 33.3157, 35.4359



58.6550, 62.8216, 67.9925



29.9668, 33.5378, 30.8811



12.7541, 13.7228, 14.8279



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.7321, 33.3157, 35.4359



52.4642, 59.7320, 63.1043



29.8553, 32.7419, 38.0056



6.7223, 7.4697, 7.9723



11.7413, 20.3644, 13.5264



0.2293, 0.3719, 0.3439

Inverse Universe

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



29.7456, 29.2892, 32.5208



52.4943, 50.7760, 56.6208



29.6223, 29.7900, 30.1758



6.7249, 6.6829, 7.4027



11.8777, 6.0557, 3.6072



0.2315, 0.1159, 0.1653

Previews

White Background



This preview shows how the XYZ color 29.7312, 33.3143, 35.4352 looks on a white background.

Color Contrast Check

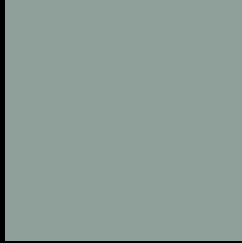
Large Text (above 18pt) WCAG AA × Fail

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 29.7312, 33.3143, 35.4352 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

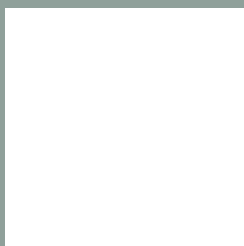
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7312, 33.3143, 35.4352

Background



This preview shows how black text looks on a background with the XYZ color 29.7312, 33.3143, 35.4352.



This preview shows how white text looks on a background with the XYZ color 29.7312, 33.3143,

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

29.7312, 33.3143, 35.4352

Protanopia

31.8045, 33.1506, 34.0006

Deuteranopia

33.8619, 33.1914, 36.0744



Tritanopia

31.3366, 33.4670, 42.8384

Trichromacy



Original Color

29.7312, 33.3143, 35.4352

Protanomaly

31.0509, 33.2510, 34.4873

Deuteranomaly

32.1699, 33.0548, 35.6950

Tritanomaly

30.7760, 33.4964, 39.9653

Monochromacy



Original Color

29.7312, 33.3143, 35.4352

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2989, 32.5941, 35.2662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7312, 33.3143, 35.4352 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(143, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 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(143, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.7312, 33.3143, 35.4352 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(143, 160, 154) }
```


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

```
.border{ border-color:rgb(143, 160, 154) }
```

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

Here you see how a box with a 4 pixel rgb(143, 160, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7312, 33.3143, 35.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 154) }
```

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

```
.background{ background-color: rgb(143,  
160, 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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