

Converting Colors

XYZ(29.7260, 33.4926, 34.8696)

Have a look what the booklet for
XYZ(29.7260, 33.4926, 34.8696)
contains.

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Color

**XYZ(29.8223, 33.6293,
35.0563)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA199
RGB	143, 161, 153
RGB Percent	56%, 63%, 60%
CMY	0.4392, 0.3686, 0.4000
CMYK	0.11, 0.00, 0.05, 0.37
HSL	153°, 9%, 60%
HSV	153°, 11%, 63%
XYZ	29.8223, 33.6293, 35.0563
YIQ	154.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

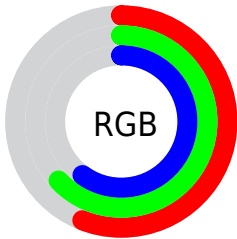
Format	Color
RYB	143, 155, 161
Decimal	9413017
CIELab	64.67, -7.94, 2.00
CIElCh	65, 8.194, 165.841
Yxy	33.6293, 0.3027, 0.3414
Android (android.graphics.Color)	4287603097 (0xFF8FA199)
YUV	154.7060, -0.8411, -10.2662
Hunter-Lab	57.9908, -9.6886, 4.7518

Details

The XYZ color **29.8223, 33.6293, 35.0563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1075, 29.4571, 33.3786**, and the grayscale version is **31.0327, 32.6489, 35.5546**.

A 20% lighter version of the original color is **58.8443, 65.4870, 68.5703**, and **12.3811, 14.2237, 14.6633** is the 20% darker color. If you saturate the color by 10%, you get **26.6593, 32.0659, 31.9149**, and if you desaturate by 10%, it is **33.4227, 35.4159, 38.4047**.

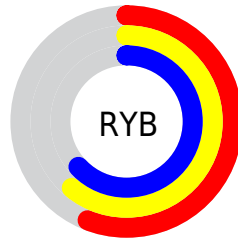
Distribution



Red (56%)

Green (63%)

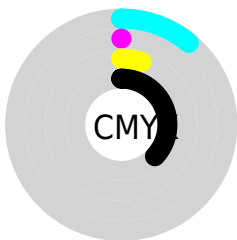
Blue (60%)



Red (56%)

Yellow (61%)

Blue (63%)

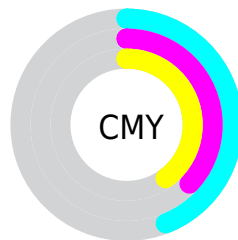


Cyan (11%)

Magenta (0%)

Yellow (5%)

Black (37%)



Cyan (44%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8223, 33.6293, 35.0563 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 29.8223, 33.6293, 35.0563 by changing the saturation by 10% instead.

■ 29.8223, 33.6293,
35.0563

■ 29.8223, 33.6293,
35.0563

293.0000,
318.4759, 339.7286

■ 19.8511, 22.6090,
23.4223

■ 58.7696, 65.3568,
68.7255

■ 12.3945, 14.3050,
14.6975

■ 78.4765, 86.8327,
91.5979

■ 7.0871, 8.3331,
8.4631

102.1593,
112.5626, 119.0535

■ 3.5634, 4.3088,
4.3007

130.1834,
142.9310, 151.5108

■ 1.4582, 1.8478,
1.7917

162.9142,
178.3220, 189.3885

■ 0.2972, 0.5167,
0.4225

200.7169,

■ 0.0000, 0.0000,

219.1203, 233.1049

0.0000

243.9571,
265.7101, 283.0788

■ 29.8223, 33.6293,
35.0563

■ 29.8223, 33.6293,
35.0563

■ 26.6593, 32.0659,
31.9149

■ 33.4227, 35.4159,
38.4047

■ 23.9133, 30.7126,
28.9743

■ 37.4742, 37.4300,
41.9617

■ 21.5665, 29.5610,
26.2309

■ 41.9935, 39.6810,
45.7319

■ 19.5985, 28.6009,
23.6805

■ 46.9954, 42.1766,
49.7190

■ 17.9872, 27.8209,
21.3185

■ 52.4941, 44.9238,
53.9266

■ 16.7080, 27.2083,
19.1401

■ 58.5034, 47.9298,
58.3581

■ 15.7330, 26.7489,
17.1403

■ 64.7769, 51.0676,
63.0049

■ 15.0294, 26.4259,
15.3138

■ 65.6503, 51.4170,
67.6045

■ 14.5670, 26.2197,
13.8404

■ 66.5637, 51.7823,
72.4143

Harmonies

Analogous

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



30.3698, 33.6293, 32.2907



29.8223, 33.6293, 35.0563



29.8387, 33.6293, 38.4117

Triad

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



29.8223, 33.6293, 35.0563



32.5844, 33.6293, 43.2018



33.5638, 33.6293, 32.1673

Complementary

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



29.8223, 33.6293, 35.0563



30.1075, 29.4571, 33.3786

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.



34.1871, 33.6293, 34.8783



29.8223, 33.6293, 35.0563



33.6123, 33.6293, 41.3125

Square

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



29.8223, 33.6293, 35.0563



31.4141, 33.6293, 43.2568



34.2051, 33.6293, 38.2225



32.5196, 33.6293, 30.6933

Rectangle

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



29.8223, 33.6293, 35.0563



30.1666, 33.6293, 40.5382



34.2051, 33.6293, 38.2225



33.8306, 33.6293, 32.9565

Sweetspot

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



29.8232, 33.6307, 35.0570



58.5850, 62.7936, 67.6238



30.4850, 34.0633, 30.9551



12.7349, 13.7152, 14.7269



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.



29.8232, 33.6307, 35.0570



52.1768, 59.6170, 61.5906



30.3500, 33.5906, 38.6040



7.1425, 7.9578, 8.3622



11.6544, 20.9481, 11.1626



0.2682, 0.4495, 0.3574

Inverse Universe

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



30.1075, 29.4571, 33.3786



52.7714, 50.8869, 58.0799



29.6150, 29.4772, 30.1158



7.1985, 7.1358, 8.0316



12.6817, 6.4287, 5.5145



0.2901, 0.1445, 0.2405

Previews

White Background



This preview shows how the XYZ color 29.8223, 33.6293, 35.0563 looks on a white background.

Color Contrast Check

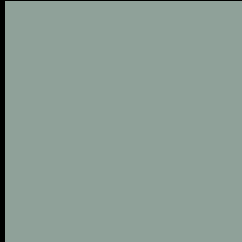
Large Text (above 18pt) WCAG AA × Fail

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 29.8223, 33.6293, 35.0563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

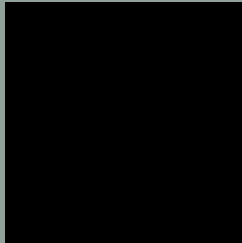
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

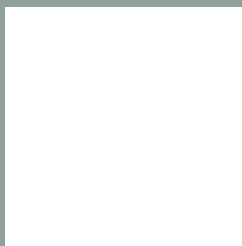
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8223, 33.6293, 35.0563

Background



This preview shows how black text looks on a background with the XYZ color 29.8223, 33.6293, 35.0563.



This preview shows how white text looks on a background with the XYZ color 29.8223, 33.6293,

35.0563.

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

29.8223, 33.6293, 35.0563

Protanopia

32.0914, 33.5560, 33.6397

Deuteranopia

34.1579, 33.5937, 35.6943



Tritanopia

31.4316, 33.5050, 43.3386

Trichromacy



Original Color

29.8223, 33.6293, 35.0563

Protanomaly

31.1392, 33.5581, 34.1143

Deuteranomaly

32.2520, 33.3529, 35.3097

Tritanomaly

30.7760, 33.4964, 39.9653

Monochromacy



Original Color

29.8223, 33.6293, 35.0563

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.6522, 33.0263, 35.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8223, 33.6293, 35.0563 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, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(143, 161, 153)  
}
```

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, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 29.8223, 33.6293, 35.0563 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, 161, 153) }
```


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

```
.border{ border-color:rgb(143, 161, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 161, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 161, 153);  
box-shadow:4px 4px 4px 4px rgb(143, 161,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8223, 33.6293, 35.0563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 161, 153) }
```

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

```
.background{ background-color: rgb(143,  
161, 153) }
```

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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