

Converting Colors

XYZ(29.0105, 33.1431, 33.9632)

Have a look what the booklet for
XYZ(29.0105, 33.1431, 33.9632)
contains.

XYZ(29.1460, 33.2996, 34.1695)	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(29.1460, 33.2996,
34.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA197
RGB	140, 161, 151
RGB Percent	55%, 63%, 59%
CMY	0.4510, 0.3686, 0.4078
CMYK	0.13, 0.00, 0.06, 0.37
HSL	151°, 10%, 59%
HSV	151°, 13%, 63%
XYZ	29.1460, 33.2996, 34.1695
YIQ	153.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

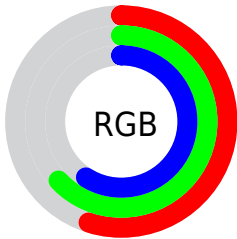
Format	Color
RYB	140, 154, 161
Decimal	9216407
CIELab	64.40, -9.39, 2.71
CIELCh	64, 9.777, 163.884
Yxy	33.2996, 0.3017, 0.3447
Android (android.graphics.Color)	4287406487 (0xFF8CA197)
YUV	153.5810, -1.2724, -11.9105
Hunter-Lab	57.7058, -10.8285, 5.2865

Details

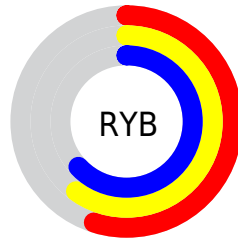
The XYZ color **29.1460, 33.2996, 34.1695** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.5822, 28.5360, 32.8045**, and the grayscale version is **30.5407, 32.1312, 34.9909**.

A 20% lighter version of the original color is **57.8234, 64.9888, 67.2541**, and **11.9853, 14.0310, 14.1332** is the 20% darker color. If you saturate the color by 10%, you get **26.0266, 31.7620, 30.8782**, and if you desaturate by 10%, it is **32.7048, 35.0608, 37.6942**.

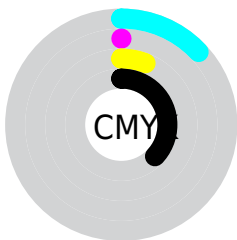
Distribution



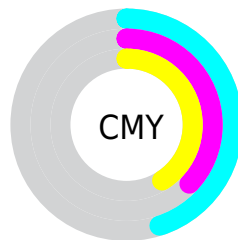
- Red (55%)
- Green (63%)
- Blue (59%)



- Red (55%)
- Yellow (60%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1460, 33.2996, 34.1695 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 29.1460, 33.2996, 34.1695 by changing the saturation by 10% instead.

■ 29.1460, 33.2996,
34.1695

■ 29.1460, 33.2996,
34.1695

289.8850,
316.9976, 335.6794

■ 19.3361, 22.3561,
22.7454

■ 57.7049, 64.8430,
67.3341

■ 12.0189, 14.1188,
14.2021

■ 77.1847, 86.2116,
89.9117

■ 6.8288, 8.2033,
8.1210

■ 100.6185,
111.8241, 117.0442

■ 3.4006, 4.2253,
4.0836

128.3716,
142.0648, 149.1501

■ 1.3690, 1.8004,
1.6713

160.8095,
177.3181, 186.6481

■ 0.2340, 0.4874,
0.3410

198.2974,

■ 0.0000, 0.0000,

217.9684, 229.9566

0.0000

241.2008,
264.4001, 279.4942

■ 29.1460, 33.2996,
34.1695

■ 29.1460, 33.2996,
34.1695

■ 26.0266, 31.7620,
30.8782

■ 32.7048, 35.0608,
37.6942

■ 23.3258, 30.4348,
27.8133

■ 36.7170, 37.0501,
41.4548

■ 21.0254, 29.3094,
24.9705

■ 41.1995, 39.2770,
45.4565

■ 19.1046, 28.3753,
22.3447

■ 46.1675, 41.7492,
49.7037

■ 17.5406, 27.6209,
19.9303

■ 51.6354, 44.4742,
54.2007

■ 16.3081, 27.0331,
17.7216

■ 57.6172, 47.4589,
58.9517

■ 15.3784, 26.5973,
15.7127

■ 64.1260, 50.7102,
63.9607

■ 14.7172, 26.2960,
13.8970

■ 65.9125, 51.5219,
68.9853

■ 14.3586, 26.1363,
12.7427

■ 66.9052, 51.9189,
74.2128

Harmonies

Analogous

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



29.8295, 33.2996, 31.0047



29.1460, 33.2996, 34.1695



29.1204, 33.2996, 38.1297

Triad

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



29.1460, 33.2996, 34.1695



32.2974, 33.2996, 44.2265



33.6204, 33.2996, 31.1955

Complementary

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



29.1460, 33.2996, 34.1695



29.5822, 28.5360, 32.8045

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.



34.3225, 33.2996, 34.4478



29.1460, 33.2996, 34.1695



33.5437, 33.2996, 42.0726

Square

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



29.1460, 33.2996, 34.1695



30.9125, 33.2996, 44.1382



34.2940, 33.2996, 38.4291



32.3997, 33.2996, 29.3757

Rectangle

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



29.1460, 33.2996, 34.1695



29.4782, 33.2996, 40.7049



34.2940, 33.2996, 38.4291



33.9265, 33.2996, 32.1467

Sweetspot

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



29.1469, 33.3010, 34.1702



57.8750, 62.4444, 66.8341



30.0850, 33.8830, 29.7658



12.5880, 13.6431, 14.5560



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.



29.1469, 33.3010, 34.1702



50.2934, 58.6964, 59.2284



29.9332, 33.5178, 38.6119



7.1332, 7.9541, 8.3134



11.4879, 20.8815, 10.2858



0.2651, 0.4483, 0.3410

Inverse Universe

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



29.5822, 28.5360, 32.8045



51.2461, 48.2682, 56.2397



28.8619, 28.3299, 28.7584



7.2076, 7.1395, 8.0799



12.8199, 6.4840, 6.2423



0.2932, 0.1458, 0.2568

Previews

White Background



This preview shows how the XYZ color 29.1460, 33.2996, 34.1695 looks on a white background.

Color Contrast Check

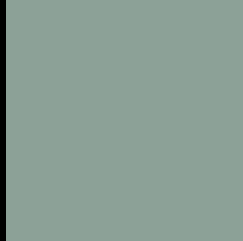
Large Text (above 18pt) WCAG AA × Fail

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 29.1460, 33.2996, 34.1695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

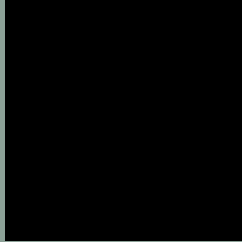
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1460, 33.2996, 34.1695

Background



This preview shows how black text looks on a background with the XYZ color 29.1460, 33.2996, 34.1695.



This preview shows how white text looks on a background with the XYZ color 29.1460, 33.2996,

34.1695.

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

29.1460, 33.2996, 34.1695

Protanopia

31.7646, 33.1579, 32.7429

Deuteranopia

33.8296, 33.2038, 34.7629



Tritanopia

30.9052, 33.2336, 43.3139

Trichromacy



Original Color

29.1460, 33.2996, 34.1695

Protanomaly

30.6187, 33.0562, 33.2005

Deuteranomaly

31.8860, 33.1833, 34.4302

Tritanomaly

30.2543, 33.2274, 39.9409

Monochromacy



Original Color

29.1460, 33.2996, 34.1695

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2012, 32.8034, 34.8769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1460, 33.2996, 34.1695 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(140, 161, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 161, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.1460, 33.2996, 34.1695 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, 151) }
```


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

```
.border{ border-color:rgb(140, 161, 151) }
```

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, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(140, 161,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1460, 33.2996, 34.1695 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, 151) }
```

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

```
.background{ background-color: rgb(140,  
161, 151) }
```

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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