

Converting Colors

XYZ(30.0669, 33.6144, 29.7145)

Have a look what the booklet for
XYZ(30.0669, 33.6144, 29.7145)
contains.

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Color

**XYZ(30.0669, 33.6144,
29.7145)**

Conversions

Conversions Part 1

Format	Color
Hex	97A08C
RGB	151, 160, 140
RGB Percent	59%, 63%, 55%
CMY	0.4078, 0.3725, 0.4510
CMYK	0.06, 0.00, 0.13, 0.37
HSL	87°, 10%, 59%
HSV	87°, 13%, 63%
XYZ	30.0669, 33.6144, 29.7145
YIQ	155.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

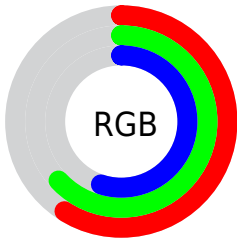
Format	Color
R_{YB}	140, 160, 149
Decimal	9937036
CIE Lab	64.66, -6.97, 9.33
CIE LCh	65, 11.647, 126.740
Yxy	33.6144, 0.3219, 0.3599
Android (android.graphics.Color)	4288127116 (0xFF97A08C)
YUV	155.0290, -7.4093, -3.5334
Hunter-Lab	57.9779, -8.8927, 10.1976

Details

The XYZ color **30.0669, 33.6144, 29.7145** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1191, 27.6848, 37.1212**, and the grayscale version is **31.2007, 32.8256, 35.7471**.

A 20% lighter version of the original color is **59.2149, 65.4751, 60.5559**, and **12.5696, 14.3848, 11.7869** is the 20% darker color. If you saturate the color by 10%, you get **27.6761, 32.5094, 23.8854**, and if you desaturate by 10%, it is **32.7128, 34.8330, 36.4526**.

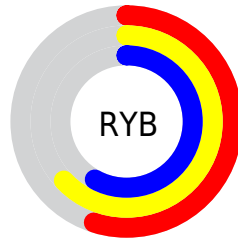
Distribution



Red (59%)

Green (63%)

Blue (55%)



Red (55%)

Yellow (63%)

Blue (58%)

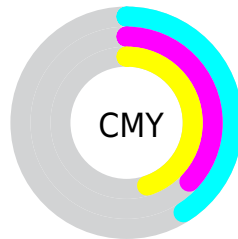


Cyan (6%)

Magenta (0%)

Yellow (13%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0669, 33.6144, 29.7145 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 30.0669, 33.6144, 29.7145 by changing the saturation by 10% instead.

■ 30.0669, 33.6144,
29.7145

■ 30.0669, 33.6144,
29.7145

294.1204,
318.4092, 314.7372

■ 20.0377, 22.5975,
19.3718

■ 59.1539, 65.3336,
60.2660

■ 12.5309, 14.2966,
11.7597

■ 78.9423, 86.8047,
81.3119

■ 7.1811, 8.3273,
6.4597

■ 102.7146,
112.5293, 106.7626

■ 3.6229, 4.3051,
3.0533

130.8360,
142.8919, 137.0367

■ 1.4911, 1.8456,
1.1219

163.6720,
178.2767, 172.5526

■ 0.3198, 0.5154,
0.0000

201.5878,

■ 0.0000, 0.0000,

219.0683, 213.7290

0.0000

244.9488,
265.6510, 260.9843

■ 30.0669, 33.6144,
29.7145

■ 30.0669, 33.6144,
29.7145

■ 27.6761, 32.5094,
23.8854

■ 32.7128, 34.8330,
36.4526

■ 25.5288, 31.5100,
18.9240

■ 35.6195, 36.1645,
44.1339

■ 23.6165, 30.6138,
14.7896

■ 38.7956, 37.6134,
52.7938

■ 21.9293, 29.8164,
11.4368

■ 42.2489, 39.1832,
62.4650

■ 20.4560, 29.1134,
8.8162

■ 45.9864, 40.8767,
73.1787

■ 19.1847, 28.4997,
6.8726

■ 50.0152, 42.6969,
84.9650

■ 18.1017, 27.9697,
5.5432

■ 54.3420, 44.6467,
97.8525

■ 17.1910, 27.5168,
4.7530

■ 56.8078, 45.8626,
100.4660

■ 16.5944, 27.2169,
4.3788

■ 58.8870, 46.9344,
100.5633

Harmonies

Analogous

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



31.5741, 33.6144, 28.2063



30.0669, 33.6144, 29.7145



29.0893, 33.6144, 33.0876

Triad

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



30.0669, 33.6144, 29.7145



30.6981, 33.6144, 45.7159



35.2456, 33.6144, 35.5316

Complementary

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



30.0669, 33.6144, 29.7145



28.1191, 27.6848, 37.1212

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.



34.9913, 33.6144, 40.3534



30.0669, 33.6144, 29.7145



32.3278, 33.6144, 46.5137

Square

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



30.0669, 33.6144, 29.7145



29.4448, 33.6144, 42.3816



33.9090, 33.6144, 44.4754



34.5924, 33.6144, 31.3703

Rectangle

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



30.0669, 33.6144, 29.7145



28.8497, 33.6144, 36.0800



33.9090, 33.6144, 44.4754



35.2637, 33.6144, 37.1258

Sweetspot

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



30.0678, 33.6159, 29.7152



58.6060, 62.8815, 64.1441



29.9796, 30.8632, 29.1886



12.7753, 13.7551, 13.8670



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.



30.0678, 33.6159, 29.7152



53.3353, 60.4534, 50.8377



28.2900, 32.6994, 29.6320



6.8819, 7.5717, 7.0844



12.9774, 21.2268, 3.4132



0.2804, 0.4045, 0.0633

Inverse Universe

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



28.1191, 27.6848, 37.1212



49.0898, 47.5311, 66.9736



30.0226, 28.6661, 37.2103



6.5541, 6.5741, 8.3302



7.0752, 3.0764, 26.1281



0.1746, 0.0798, 0.4694

Previews

White Background



This preview shows how the XYZ color 30.0669, 33.6144, 29.7145 looks on a white background.

Color Contrast Check

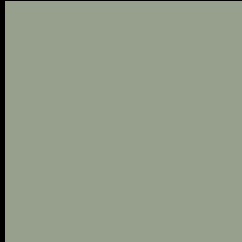
Large Text (above 18pt) WCAG AA × Fail

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 30.0669, 33.6144, 29.7145 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

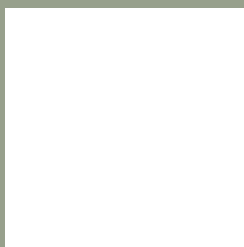
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0669, 33.6144, 29.7145

Background



This preview shows how black text looks on a background with the XYZ color 30.0669, 33.6144, 29.7145.



This preview shows how white text looks on a background with the XYZ color 30.0669, 33.6144,

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

30.0669, 33.6144, 29.7145

Protanopia

31.7858, 33.5044, 28.8365

Deuteranopia

34.0806, 33.4333, 30.2482



Tritanopia

32.4739, 33.5726, 41.8144

Trichromacy



Original Color

30.0669, 33.6144, 29.7145

Protanomaly

31.0152, 33.3490, 29.2284

Deuteranomaly

32.5118, 33.3591, 29.9247

Tritanomaly

31.5550, 33.4526, 37.1416

Monochromacy



Original Color

30.0669, 33.6144, 29.7145

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8884, 33.1860, 33.6317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0669, 33.6144, 29.7145 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(151, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 140)  
}
```

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(151, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.0669, 33.6144, 29.7145 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(151, 160, 140) }
```


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

```
.border{ border-color:rgb(151, 160, 140) }
```

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

Here you see how a box with a 4 pixel rgb(151, 160, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0669, 33.6144, 29.7145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 140) }
```

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

```
.background{ background-color: rgb(151,  
160, 140) }
```

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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