

Converting Colors

XYZ(30.2956, 30.6707, 28.9987)

Have a look what the booklet for
XYZ(30.2956, 30.6707, 28.9987)
contains.

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Color

**XYZ(30.2716, 30.5474,
29.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	A3938C
RGB	163, 147, 140
RGB Percent	64%, 58%, 55%
CMY	0.3608, 0.4235, 0.4510
CMYK	0.00, 0.10, 0.14, 0.36
HSL	18°, 11%, 59%
HSV	18°, 14%, 64%
XYZ	30.2716, 30.5474, 29.1117
YIQ	150.9860, 11.7830, 1.2150

Conversions

Conversions Part 2

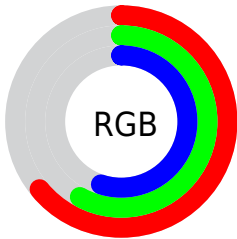
Format	Color
RYB	163, 150, 140
Decimal	10720140
CIELab	62.12, 4.72, 5.85
CIELCh	62, 7.516, 51.129
Yxy	30.5474, 0.3366, 0.3397
Android (android.graphics.Color)	4288910220 (0xFFA3938C)
YUV	150.9860, -5.4161, 10.5363
Hunter-Lab	55.2697, 1.0437, 7.4595

Details

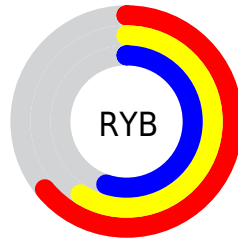
The XYZ color **30.2716, 30.5474, 29.1117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3144, 31.9961, 39.2815**, and the grayscale version is **29.4290, 30.9616, 33.7172**.

A 20% lighter version of the original color is **59.5377, 60.5738, 59.5929**, and **12.5839, 12.4834, 11.4192** is the 20% darker color. If you saturate the color by 10%, you get **27.4809, 26.7489, 22.6845**, and if you desaturate by 10%, it is **33.4158, 34.7673, 36.5359**.

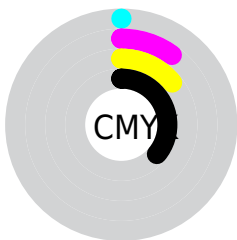
Distribution



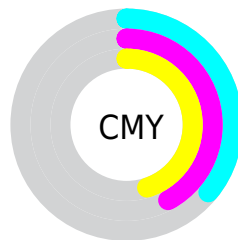
- Red (64%)
- Green (58%)
- Blue (55%)



- Red (64%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2716, 30.5474, 29.1117 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 30.2716, 30.5474, 29.1117 by changing the saturation by 10% instead.

■ 30.2716, 30.5474,
29.1117

■ 30.2716, 30.5474,
29.1117

295.0556,
304.4477, 311.8190

■ 20.1939, 20.2545,
18.9190

■ 59.4751, 60.5268,
59.2988

■ 12.6452, 12.5801,
11.4356

■ 79.3317, 80.9820,
80.1303

■ 7.2600, 7.1401,
6.2428

■ 103.1786,
105.5935, 105.3452

■ 3.6730, 3.5499,
2.9221

131.3812,
134.7455, 135.3620

■ 1.5188, 1.4251,
1.0550

164.3048,
168.8226, 170.5992

■ 0.3386, 0.2351,
0.0000

202.3148,

■ 0.0000, 0.0000,

208.2090, 211.4755

0.0000

245.7766,
253.2893, 258.4092

■ 30.2716, 30.5474,
29.1117

■ 30.2716, 30.5474,
29.1117

■ 27.4809, 26.7489,
22.6845

■ 33.4158, 34.7673,
36.5359

■ 25.0285, 23.3547,
17.2096

■ 36.9231, 39.4172,
44.9954

■ 22.9014, 20.3523,
12.6417

■ 40.8059, 44.5103,
54.5286

■ 21.0852, 17.7271,
8.9313

■ 45.0752, 50.0582,
65.1716

■ 19.5640, 15.4634,
6.0237

■ 49.7415, 56.0720,
76.9587

■ 18.3206, 13.5445,
3.8581

■ 54.8150, 62.5623,
89.9228

■ 17.3354, 11.9521,
2.3648

■ 60.3053, 69.5394,
104.0953

■ 16.5861, 10.6659,
1.4602

■ 63.6418, 75.9814,
105.9193

■ 16.2292, 10.0363,
1.0818

■ 67.0417, 82.7811,
107.0526

Harmonies

Analogous

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



30.8858, 30.5474, 31.2940



30.2716, 30.5474, 29.1117



29.3352, 30.5474, 28.0575

Triad

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



30.2716, 30.5474, 29.1117



27.1556, 30.5474, 32.4097



29.7408, 30.5474, 38.7293

Complementary

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



30.2716, 30.5474, 29.1117



29.3144, 31.9961, 39.2815

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.



28.7356, 30.5474, 39.0709



30.2716, 30.5474, 29.1117



27.2585, 30.5474, 35.3086

Square

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



30.2716, 30.5474, 29.1117



27.5469, 30.5474, 29.8877



27.8314, 30.5474, 37.7868



30.5744, 30.5474, 36.8788

Rectangle

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



30.2716, 30.5474, 29.1117



28.6608, 30.5474, 28.0916



27.8314, 30.5474, 37.7868



29.4113, 30.5474, 39.0285

Sweetspot

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



30.2724, 30.5488, 29.1123



59.8660, 62.2936, 65.4835



30.4919, 28.9468, 35.4775



13.3488, 13.8616, 14.4762



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.2724, 30.5488, 29.1123



52.5452, 52.4482, 48.2571



32.1334, 34.2708, 29.7327



7.2415, 7.4213, 7.4309



12.6491, 7.8721, 0.8528



0.3057, 0.2451, 0.0312

Inverse Universe

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



29.3144, 31.9961, 39.2815



50.4849, 55.5585, 70.1192



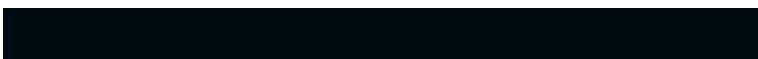
27.4909, 28.3490, 38.6736



7.0932, 7.6455, 9.0049



9.8007, 11.3808, 28.6099



0.2445, 0.3163, 0.6140

Previews

White Background



This preview shows how the XYZ color 30.2716, 30.5474, 29.1117 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 30.2716, 30.5474, 29.1117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

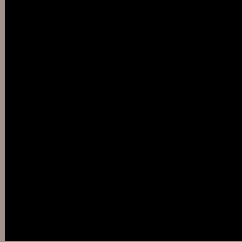
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2716, 30.5474, 29.1117

Background



This preview shows how black text looks on a background with the XYZ color 30.2716, 30.5474, 29.1117.



This preview shows how white text looks on a background with the XYZ color 30.2716, 30.5474,

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

30.2716, 30.5474, 29.1117

Protanopia

29.2316, 30.7043, 29.5852

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

31.6432, 30.6504, 35.7008

Trichromacy



Original Color

30.2716, 30.5474, 29.1117

Protanomaly

29.6557, 30.6871, 29.5595

Deuteranomaly

30.7384, 30.5582, 29.0892

Tritanomaly

31.0937, 30.6523, 33.1318

Monochromacy



Original Color

30.2716, 30.5474, 29.1117

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6904, 30.8878, 32.0009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2716, 30.5474, 29.1117 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(163, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 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(163, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.2716, 30.5474, 29.1117 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(163, 147, 140) }
```


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

```
.border{ border-color:rgb(163, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2716, 30.5474, 29.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 140) }
```

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

```
.background{ background-color: rgb(163,  
147, 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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