

Converting Colors

XYZ(29.9704, 30.6074, 29.9209)

Have a look what the booklet for
XYZ(29.9704, 30.6074, 29.9209)
contains.

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Color

**XYZ(29.9696, 30.6064,
29.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	A0948E
RGB	160, 148, 142
RGB Percent	63%, 58%, 56%
CMY	0.3725, 0.4196, 0.4431
CMYK	0.00, 0.07, 0.11, 0.37
HSL	20°, 9%, 59%
HSV	20°, 11%, 63%
XYZ	29.9696, 30.6064, 29.9192
YIQ	150.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

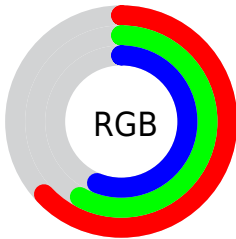
Format	Color
R_{YB}	160, 151, 142
Decimal	10523790
CIE _{Lab}	62.17, 3.36, 4.76
CIE _{LCh}	62, 5.825, 54.764
Y _{xy}	30.6064, 0.3312, 0.3382
Android (android.graphics.Color)	4288713870 (0xFFA0948E)
Y _{UV}	150.9040, -4.3897, 7.9772
Hunter-Lab	55.3231, -0.1183, 6.6616

Details

The XYZ color **29.9696, 30.6064, 29.9192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0560, 31.3994, 37.7873**, and the grayscale version is **29.3905, 30.9211, 33.6731**.

A 20% lighter version of the original color is **59.1087, 60.6737, 60.8204**, and **12.3908, 12.5102, 11.8869** is the 20% darker color. If you saturate the color by 10%, you get **27.2574, 26.9682, 23.5077**, and if you desaturate by 10%, it is **33.0101, 34.6245, 37.2916**.

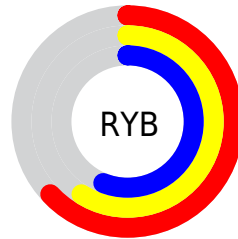
Distribution



Red (63%)

Green (58%)

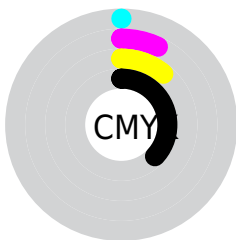
Blue (56%)



Red (63%)

Yellow (59%)

Blue (56%)

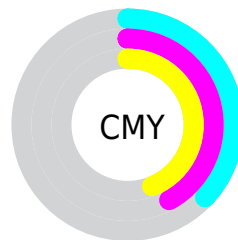


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9696, 30.6064, 29.9192 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 29.9696, 30.6064, 29.9192 by changing the saturation by 10% instead.

■ 29.9696, 30.6064,
29.9192

■ 29.9696, 30.6064,
29.9192

293.6751,
304.7209, 315.7232

■ 19.9635, 20.2993,
19.5257

■ 59.0011, 60.6199,
60.5939

■ 12.4766, 12.6128,
11.8701

■ 78.7571, 81.0950,
81.7122

■ 7.1436, 7.1625,
6.5338

102.4938,
105.7283, 107.2425

■ 3.5992, 3.5639,
3.0983

130.5766,
134.9042, 137.6033

■ 1.4780, 1.4327,
1.1451

163.3707,
169.0070, 173.2133

■ 0.3108, 0.2407,
0.0000

201.2416,

■ 0.0000, 0.0000,

208.4211, 214.4909

0.0000

244.5546,
253.5309, 261.8547

■ 29.9696, 30.6064,
29.9192

■ 29.9696, 30.6064,
29.9192

■ 27.2574, 26.9682,
23.5077

■ 33.0101, 34.6245,
37.2916

■ 24.8595, 23.6947,
18.0154

■ 36.3872, 39.0293,
45.6606

■ 22.7646, 20.7754,
13.4001

■ 40.1122, 43.8323,
55.0622

■ 20.9596, 18.1980,
9.6157

■ 44.1948, 49.0434,
65.5303

■ 19.4307, 15.9491,
6.6119

■ 48.6446, 54.6721,
77.0971

■ 18.1624, 14.0147,
4.3327

■ 53.4706, 60.7276,
89.7934

■ 17.1377, 12.3794,
2.7145

■ 58.6817, 67.2189,
103.6489

■ 16.3371, 11.0264,
1.6827

■ 61.7757, 73.1504,
105.4713

■ 15.7870, 10.0529,
1.1083

■ 64.8919, 79.3828,
106.5100

Harmonies

Analogous

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



30.4820, 30.6064, 31.5479



29.9696, 30.6064, 29.9192



29.2284, 30.6064, 29.2050

Triad

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



29.9696, 30.6064, 29.9192



27.6138, 30.6064, 32.9324



29.7270, 30.6064, 37.4045

Complementary

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



29.9696, 30.6064, 29.9192



29.0560, 31.3994, 37.7873

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.



28.9530, 30.6064, 37.8157



29.9696, 30.6064, 29.9192



27.7419, 30.6064, 35.1680

Square

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



29.9696, 30.6064, 29.9192



27.8755, 30.6064, 30.8940



28.2287, 30.6064, 36.9803



30.3402, 30.6064, 35.8807

Rectangle

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



29.9696, 30.6064, 29.9192



28.7077, 30.6064, 29.3193



28.2287, 30.6064, 36.9803



29.4766, 30.6064, 37.6803

Sweetspot

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



29.9704, 30.6078, 29.9199



58.8936, 61.4974, 65.1580



30.0033, 29.1531, 34.6180



12.8192, 13.3595, 14.0532



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.



29.9704, 30.6078, 29.9199



53.3847, 54.1979, 51.8586



31.4370, 33.5409, 30.4087



6.8048, 6.9896, 6.9761



12.3348, 7.9051, 0.8757



0.2573, 0.2149, 0.0279

Inverse Universe

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



29.0560, 31.3994, 37.7873



51.4550, 55.8678, 68.4581



27.6263, 28.5401, 37.3108



6.6353, 7.1364, 8.4344



9.0508, 10.1932, 27.3977



0.1991, 0.2567, 0.5023

Previews

White Background



This preview shows how the XYZ color 29.9696, 30.6064, 29.9192 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 29.9696, 30.6064, 29.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

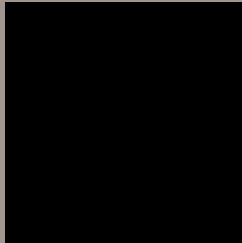
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

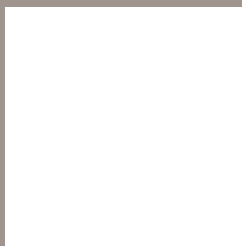
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9696, 30.6064, 29.9192

Background



This preview shows how black text looks on a background with the XYZ color 29.9696, 30.6064, 29.9192.



This preview shows how white text looks on a background with the XYZ color 29.9696, 30.6064,

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

29.9696, 30.6064, 29.9192

Protanopia

29.3818, 30.7644, 30.3761

Deuteranopia

31.2318, 30.5588, 30.2389



Tritanopia

31.2650, 30.6735, 36.1710

Trichromacy



Original Color

29.9696, 30.6064, 29.9192

Protanomaly

29.6100, 30.6462, 30.3413

Deuteranomaly

30.7539, 30.5403, 30.2606

Tritanomaly

30.7992, 30.7115, 34.0104

Monochromacy



Original Color

29.9696, 30.6064, 29.9192

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.5781, 30.8208, 32.4071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9696, 30.6064, 29.9192 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(160, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(160, 148, 142)  
}
```

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(160, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 148, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.9696, 30.6064, 29.9192 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(160, 148, 142) }
```


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

```
.border{ border-color:rgb(160, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(160, 148,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9696, 30.6064, 29.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 148, 142) }
```

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

```
.background{ background-color: rgb(160,  
148, 142) }
```

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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