

Converting Colors

XYZ(30.6130, 30.8782, 30.3480)

Have a look what the booklet for
XYZ(30.6130, 30.8782, 30.3480)
contains.

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Color

**XYZ(30.6521, 30.9495,
30.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	A3948F
RGB	163, 148, 143
RGB Percent	64%, 58%, 56%
CMY	0.3608, 0.4196, 0.4392
CMYK	0.00, 0.09, 0.12, 0.36
HSL	15°, 10%, 60%
HSV	15°, 12%, 64%
XYZ	30.6521, 30.9495, 30.3449
YIQ	151.9150, 10.5450, 1.6250

Conversions

Conversions Part 2

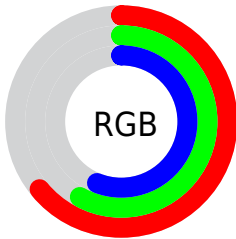
Format	Color
R _Y B	163, 150, 143
Decimal	10720399
CIE Lab	62.46, 4.67, 4.65
CIE LCh	62, 6.587, 44.849
Yxy	30.9495, 0.3334, 0.3366
Android (android.graphics.Color)	4288910479 (0xFFA3948F)
YUV	151.9150, -4.3951, 9.7215
Hunter-Lab	55.6323, 0.9929, 6.6026

Details

The XYZ color **30.6521, 30.9495, 30.3449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1653, 32.9371, 39.4183**, and the grayscale version is **29.8242, 31.3774, 34.1700**.

A 20% lighter version of the original color is **60.1120, 61.1777, 61.4636**, and **12.8060, 12.7192, 12.1360** is the 20% darker color. If you saturate the color by 10%, you get **27.6891, 26.8579, 23.7014**, and if you desaturate by 10%, it is **33.9987, 35.5205, 38.0023**.

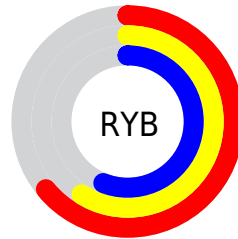
Distribution



Red (64%)

Green (58%)

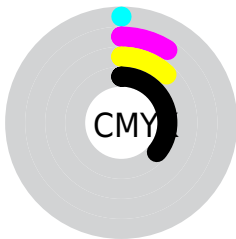
Blue (56%)



Red (64%)

Yellow (59%)

Blue (56%)

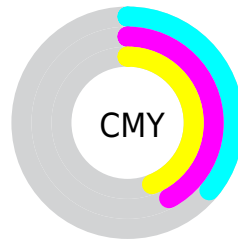


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6521, 30.9495, 30.3449 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 30.6521, 30.9495, 30.3449 by changing the saturation by 10% instead.

■ 30.6521, 30.9495,
30.3449

■ 30.6521, 30.9495,
30.3449

296.7879,
306.3056, 317.7660

■ 20.4846, 20.5604,
19.8463

■ 60.0715, 61.1606,
61.2746

■ 12.8581, 12.8031,
12.1004

■ 80.0541, 81.7513,
82.5428

■ 7.4072, 7.2931,
6.6887

104.0391,
106.5114, 108.2379

■ 3.7666, 3.6460,
3.1927

132.3919,
135.8252, 138.7784

■ 1.5710, 1.4776,
1.1939

165.4778,
170.0771, 174.5830

■ 0.3734, 0.2729,
0.0000

203.6622,

■ 0.0000, 0.0000,

209.6516, 216.0701

0.0000

247.3105,
254.9329, 263.6582

■ 30.6521, 30.9495,
30.3449

■ 30.6521, 30.9495,
30.3449

■ 27.6891, 26.8579,
23.7014

■ 33.9987, 35.5205,
38.0023

■ 25.0932, 23.2261,
18.0271

■ 37.7397, 40.5818,
46.7117

■ 22.8505, 20.0389,
13.2770

■ 41.8883, 46.1488,
56.5117

■ 20.9450, 17.2790,
9.4016

■ 46.4567, 52.2352,
67.4384

■ 19.3596, 14.9277,
6.3469

■ 51.4563, 58.8542,
79.5261

■ 18.0756, 12.9649,
4.0527

■ 56.8983, 66.0182,
92.8077

■ 17.0719, 11.3687,
2.4506

■ 62.4528, 73.6035,
105.5230

■ 16.3247, 10.1150,
1.4594

■ 66.0449, 80.7875,
106.7204

■ 15.8896, 9.3569,
0.9686

■ 68.9144, 86.5266,
107.6769

Harmonies

Analogous

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



31.1095, 30.9495, 32.4529



30.6521, 30.9495, 30.3449



29.8681, 30.9495, 29.1670

Triad

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



30.6521, 30.9495, 30.3449



27.7884, 30.9495, 32.4284



29.8593, 30.9495, 38.6845

Complementary

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



30.6521, 30.9495, 30.3449



30.1653, 32.9371, 39.4183

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.



28.9696, 30.9495, 38.6772



30.6521, 30.9495, 30.3449



27.7862, 30.9495, 34.9761

Square

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



30.6521, 30.9495, 30.3449



28.2209, 30.9495, 30.3278



28.2147, 30.9495, 37.2910



30.6455, 30.9495, 37.3107

Rectangle

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



30.6521, 30.9495, 30.3449



29.2715, 30.9495, 29.0278



28.2147, 30.9495, 37.2910



29.5621, 30.9495, 38.8457

Sweetspot

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



30.6530, 30.9509, 30.3456



59.7556, 62.0728, 65.4467



31.0987, 29.9005, 36.4804



13.3197, 13.8036, 14.4665



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.



30.6530, 30.9509, 30.3456



53.2288, 53.1363, 50.5788



32.2894, 34.2238, 30.8911



7.2111, 7.3605, 7.4207



12.3806, 7.3352, 0.7633



0.2951, 0.2241, 0.0277

Inverse Universe

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



30.1653, 32.9371, 39.4183



52.1629, 57.4747, 70.4006



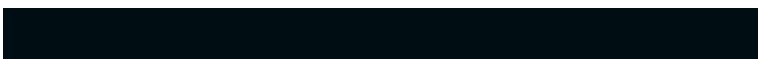
28.5289, 29.6642, 38.8728



7.1254, 7.7098, 9.0157



10.6056, 12.9905, 28.8782



0.2569, 0.3410, 0.6181

Previews

White Background



This preview shows how the XYZ color 30.6521, 30.9495, 30.3449 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 30.6521, 30.9495, 30.3449 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 30.6521, 30.9495, 30.3449

Background



This preview shows how black text looks on a background with the XYZ color 30.6521, 30.9495, 30.3449.



This preview shows how white text looks on a background with the XYZ color 30.6521, 30.9495,

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

30.6521, 30.9495, 30.3449

Protanopia

29.4580, 30.7949, 30.7770

Deuteranopia

31.5990, 30.9760, 30.3001



Tritanopia

31.8817, 30.9914, 36.1999

Trichromacy



Original Color

30.6521, 30.9495, 30.3449

Protanomaly

29.8820, 30.7776, 30.7513

Deuteranomaly

31.3280, 31.0661, 30.3318

Tritanomaly

31.4111, 31.0269, 34.0390

Monochromacy



Original Color

30.6521, 30.9495, 30.3449

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2017, 31.3711, 32.8972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6521, 30.9495, 30.3449 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, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 143)  
}
```

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, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.6521, 30.9495, 30.3449 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, 148, 143) }
```


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

```
.border{ border-color:rgb(163, 148, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6521, 30.9495, 30.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 143) }
```

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

```
.background{ background-color: rgb(163,  
148, 143) }
```

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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