

Converting Colors

XYZ(30.1804, 30.3701, 31.0720)

Have a look what the booklet for
XYZ(30.1804, 30.3701, 31.0720)
contains.

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Color

**XYZ(30.2425, 30.4888,
31.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	A19391
RGB	161, 147, 145
RGB Percent	63%, 58%, 57%
CMY	0.3686, 0.4235, 0.4314
CMYK	0.00, 0.09, 0.10, 0.37
HSL	8°, 8%, 60%
HSV	8°, 10%, 63%
XYZ	30.2425, 30.4888, 31.0790
YIQ	150.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

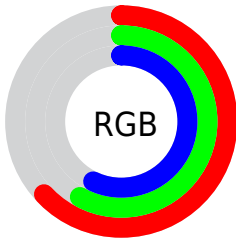
Format	Color
R _Y B	161, 147, 145
Decimal	10589073
CIE Lab	62.07, 4.82, 2.93
CIE LCh	62, 5.641, 31.246
Yxy	30.4888, 0.3294, 0.3321
Android (android.graphics.Color)	4288779153 (0xFFA19391)
YUV	150.9580, -2.9373, 8.8068
Hunter-Lab	55.2167, 1.1364, 5.2800

Details

The XYZ color **30.2425, 30.4888, 31.0790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5081, 33.3887, 38.5554**, and the grayscale version is **29.4076, 30.9391, 33.6926**.

A 20% lighter version of the original color is **59.5143, 60.4957, 62.5729**, and **12.5551, 12.4432, 12.5665** is the 20% darker color. If you saturate the color by 10%, you get **27.0304, 25.9124, 24.3113**, and if you desaturate by 10%, it is **33.9004, 35.6746, 38.8641**.

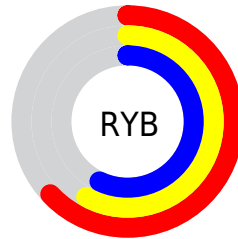
Distribution



Red (63%)

Green (58%)

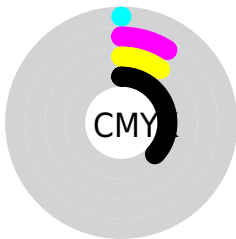
Blue (57%)



Red (63%)

Yellow (58%)

Blue (57%)

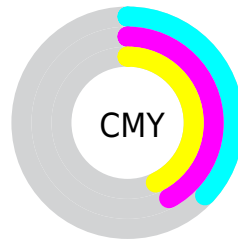


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (37%)



Cyan (37%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2425, 30.4888, 31.0790 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 30.2425, 30.4888, 31.0790 by changing the saturation by 10% instead.

■ 30.2425, 30.4888,
31.0790

■ 30.2425, 30.4888,
31.0790

294.9228,
304.1763, 321.2646

■ 20.1717, 20.2099,
20.4000

■ 59.4295, 60.4343,
62.4455

■ 12.6289, 12.5477,
12.4992

■ 79.2764, 80.8698,
83.9700

■ 7.2487, 7.1178,
6.9580

103.1127,
105.4595, 109.9469

■ 3.6659, 3.5359,
3.3578

131.3037,
134.5879, 140.7946

■ 1.5149, 1.4175,
1.2801

164.2149,
168.6394, 176.9317

■ 0.3359, 0.2296,
0.0454

202.2116,

■ 0.0000, 0.0000,

207.9983, 218.7767

0.0000

245.6591,
253.0492, 266.7481

■ 30.2425, 30.4888,
31.0790

■ 30.2425, 30.4888,
31.0790

■ 27.0304, 25.9124,
24.3113

■ 33.9004, 35.6746,
38.8641

■ 24.2447, 21.9192,
18.5170

■ 38.0177, 41.4870,
47.7042

■ 21.8680, 18.4869,
13.6520

■ 42.6106, 47.9472,
57.6374

■ 19.8809, 15.5902,
9.6677

■ 47.6935, 55.0745,
68.6992

■ 18.2624, 13.2022,
6.5112

■ 53.2805, 62.8872,
80.9236

■ 16.9896, 11.2932,
4.1242

■ 59.3849, 71.4031,
94.3432

■ 16.0368, 9.8307,
2.4403

■ 65.5815, 80.4639,
106.6823

■ 15.3745, 8.7779,
1.3821

■ 68.5081, 86.3172,
107.6579

■ 14.9531, 8.0862,
0.7756

Harmonies

Analogous

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



30.4601, 30.4888, 33.1064



30.2425, 30.4888, 31.0790



29.6854, 30.4888, 29.6711

Triad

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



30.2425, 30.4888, 31.0790



27.7198, 30.4888, 31.2297



29.0104, 30.4888, 37.5468

Complementary

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



30.2425, 30.4888, 31.0790



30.5081, 33.3887, 38.5554

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.



28.2833, 30.4888, 36.9920



30.2425, 30.4888, 31.0790



27.5461, 30.4888, 33.2880

Square

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



30.2425, 30.4888, 31.0790



28.2293, 30.4888, 29.7553



27.7506, 30.4888, 35.4094



29.7412, 30.4888, 36.8946

Rectangle

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



30.2425, 30.4888, 31.0790



29.2010, 30.4888, 29.2408



27.7506, 30.4888, 35.4094



28.7575, 30.4888, 37.4952

Sweetspot

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



30.2433, 30.4901, 31.0797



58.5825, 60.8751, 65.0543



31.0934, 30.3361, 37.0787



12.7342, 13.1896, 14.0249



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.



30.2433, 30.4901, 31.0797



52.7773, 52.6348, 52.7297



31.5084, 33.0202, 31.5013



7.1419, 7.2223, 7.3977



11.9583, 6.4905, 0.6225



0.2709, 0.1757, 0.0196

Inverse Universe

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



30.5081, 33.3887, 38.5554



53.3516, 58.9227, 68.9478



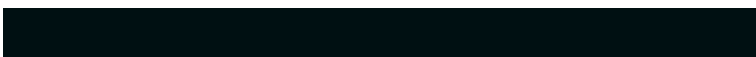
29.1986, 30.7695, 38.1188



7.2001, 7.8593, 9.0406



12.7474, 17.2742, 29.5922



0.2876, 0.4025, 0.6284

Previews

White Background



This preview shows how the XYZ color 30.2425, 30.4888, 31.0790 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 30.2425, 30.4888, 31.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

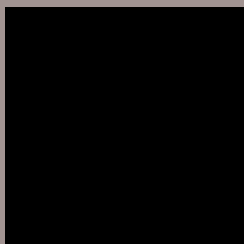
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

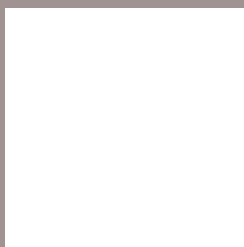
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2425, 30.4888, 31.0790

Background



This preview shows how black text looks on a background with the XYZ color 30.2425, 30.4888, 31.0790.



This preview shows how white text looks on a background with the XYZ color 30.2425, 30.4888,

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

30.2425, 30.4888, 31.0790

Protanopia

29.2622, 30.4402, 31.5274

Deuteranopia

30.9621, 30.4021, 31.0244



Tritanopia

31.3155, 30.4716, 36.1294

Trichromacy



Original Color

30.2425, 30.4888, 31.0790

Protanomaly

29.6828, 30.4232, 31.5019

Deuteranomaly

30.6996, 30.4946, 31.0561

Tritanomaly

30.9289, 30.5391, 34.4015

Monochromacy



Original Color

30.2425, 30.4888, 31.0790

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8487, 30.9512, 32.8347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2425, 30.4888, 31.0790 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(161, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(161, 147, 145)  
}
```

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(161, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 147, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.2425, 30.4888, 31.0790 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(161, 147, 145) }
```


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

```
.border{ border-color:rgb(161, 147, 145) }
```

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

Here you see how a box with a 4 pixel rgb(161, 147, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(161, 147,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2425, 30.4888, 31.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 147, 145) }
```

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

```
.background{ background-color: rgb(161,  
147, 145) }
```

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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