

Converting Colors

XYZ(30.5993, 29.4732, 44.1205)

Have a look what the booklet for
XYZ(30.5993, 29.4732, 44.1205)
contains.

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Color

**XYZ(30.5993, 29.4732,
44.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	998FAE
RGB	153, 143, 174
RGB Percent	60%, 56%, 68%
CMY	0.4000, 0.4392, 0.3176
CMYK	0.12, 0.18, 0.00, 0.32
HSL	259°, 16%, 62%
HSV	259°, 18%, 68%
XYZ	30.5993, 29.4732, 44.1205
YIQ	149.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

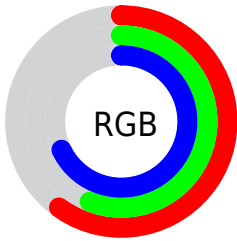
Format	Color
R _Y B	153, 143, 174
Decimal	10063790
CIE Lab	61.20, 9.94, -14.90
CIE LCh	61, 17.911, 303.704
Yxy	29.4732, 0.2937, 0.2829
Android (android.graphics.Color)	4288253870 (0xFF998FAE)
YUV	149.5240, 12.0667, 3.0485
Hunter-Lab	54.2892, 5.6027, -10.1821

Details

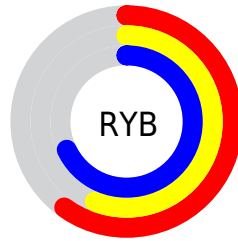
The XYZ color **30.5993, 29.4732, 44.1205** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.4048, 40.1485, 31.8714**, and the grayscale version is **28.7405, 30.2373, 32.9284**.

A 20% lighter version of the original color is **59.9813, 58.9111, 83.0725**, and **12.9067, 12.0586, 20.0596** is the 20% darker color. If you saturate the color by 10%, you get **26.0712, 23.5580, 43.2179**, and if you desaturate by 10%, it is **35.7542, 36.3145, 45.1698**.

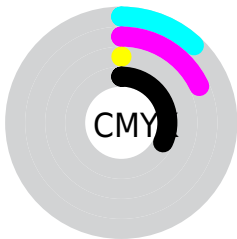
Distribution



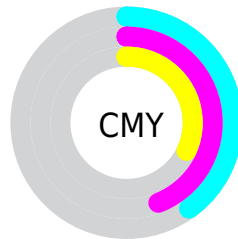
- Red (60%)
- Green (56%)
- Blue (68%)



- Red (60%)
- Yellow (56%)
- Blue (68%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5993, 29.4732, 44.1205 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 30.5993, 29.4732, 44.1205 by changing the saturation by 10% instead.

■ 30.5993, 29.4732,
44.1205

■ 30.5993, 29.4732,
44.1205

296.5480,
299.4411, 379.2555

■ 20.4442, 19.4391,
30.4274

■ 59.9888, 58.8281,
82.7034

■ 12.8285, 11.9880,
19.9084

■ 79.9540, 78.9176,
108.4303

■ 7.3867, 6.7355,
12.1451

■ 103.9199,
103.1277, 139.0055

■ 3.7536, 3.2972,
6.7188

132.2519,
131.8429, 174.8476

■ 1.5637, 1.2888,
3.2111

165.3153,
165.4474, 216.3751

■ 0.3686, 0.1325,
1.2034

203.4756,

■ 0.0000, 0.0000,

204.3257, 264.0066

0.0000

247.0980,
248.8621, 318.1605

■ 30.5993, 29.4732,
44.1205

■ 30.5993, 29.4732,
44.1205

■ 26.0712, 23.5580,
43.2179

■ 35.7542, 36.3145,
45.1698

■ 22.1422, 18.5246,
42.4534

■ 41.5567, 44.1162,
46.3698

■ 18.7865, 14.3309,
41.8208

■ 48.0298, 52.9153,
47.7271

■ 15.9753, 10.9293,
41.3124

■ 55.1949, 62.7458,
49.2469

■ 13.6769, 8.2677,
40.9198

■ 63.0721, 73.6399,
50.9345

■ 11.8563, 6.2873,
40.6335

■ 71.6807, 85.6287,
52.7948

■ 10.4731, 4.9201,
40.4425

■ 77.8315, 92.3261,
53.7634

■ 9.4672, 4.0592,
40.3294

■ 81.8649, 94.4054,
53.9521

■ 9.2779, 3.9003,
40.3087

■ 84.6401, 95.8360,
54.0820

Harmonies

Analogous

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



28.3067, 29.4732, 46.8333



30.5993, 29.4732, 44.1205



32.2678, 29.4732, 38.1795

Triad

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



30.5993, 29.4732, 44.1205



30.0655, 29.4732, 21.8215



23.7374, 29.4732, 32.9356

Complementary

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



30.5993, 29.4732, 44.1205



35.4048, 40.1485, 31.8714

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.



24.1504, 29.4732, 26.6874



30.5993, 29.4732, 44.1205



27.7221, 29.4732, 20.8215

Square

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



30.5993, 29.4732, 44.1205



31.9477, 29.4732, 25.4258



25.5774, 29.4732, 22.4752



24.4162, 29.4732, 39.8305

Rectangle

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



30.5993, 29.4732, 44.1205



32.7546, 29.4732, 33.5330



25.5774, 29.4732, 22.4752



23.7533, 29.4732, 30.6915

Sweetspot

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



30.6002, 29.4744, 44.1212



67.6049, 69.5524, 82.4987



32.2769, 35.5132, 45.1984



14.8696, 15.2492, 18.3040



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.6002, 29.4744, 44.1212



52.4553, 49.4573, 79.4184



33.6793, 31.0617, 44.2653



7.8131, 7.8779, 10.0615



6.7853, 2.8578, 29.2385



0.2468, 0.1094, 0.8161

Inverse Universe

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



33.9798, 31.3251, 39.3786



59.6716, 53.4117, 69.1727



32.4317, 38.6158, 31.7322



8.2255, 8.1035, 9.4983



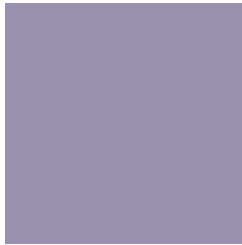
15.0551, 7.4846, 13.2014



0.4424, 0.2176, 0.4914

Previews

White Background



This preview shows how the XYZ color 30.5993, 29.4732, 44.1205 looks on a white background.

Color Contrast Check

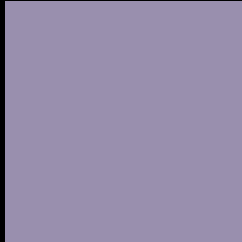
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5993, 29.4732, 44.1205 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 × Fail

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

XYZ 30.5993, 29.4732, 44.1205

Background



This preview shows how black text looks on a background with the XYZ color 30.5993, 29.4732, 44.1205.



This preview shows how white text looks on a background with the XYZ color 30.5993, 29.4732,

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

30.5993, 29.4732, 44.1205

Protanopia

29.0999, 29.3551, 45.2067

Deuteranopia

30.0077, 29.3921, 44.1361



Tritanopia

28.9424, 29.4761, 36.0623

Trichromacy



Original Color

30.5993, 29.4732, 44.1205

Protanomaly

29.5403, 29.3657, 44.6686

Deuteranomaly

30.1909, 29.4865, 44.1446

Tritanomaly

29.4988, 29.4745, 38.7847

Monochromacy



Original Color

30.5993, 29.4732, 44.1205

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.4542, 29.9499, 37.0294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5993, 29.4732, 44.1205 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(153, 143, 174)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 174)  
}
```

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(153, 143, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.5993, 29.4732, 44.1205 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(153, 143, 174) }
```


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

```
.border{ border-color:rgb(153, 143, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 143, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 143, 174);  
box-shadow:4px 4px 4px 4px rgb(153, 143,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5993, 29.4732, 44.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 174) }
```

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

```
.background{ background-color: rgb(153,  
143, 174) }
```

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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