

Converting Colors

XYZ(31.4980, 30.8326, 44.8486)

Have a look what the booklet for
XYZ(31.4980, 30.8326, 44.8486)
contains.

XYZ(31.4980, 30.8326, 44.8486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.4980, 30.8326,
44.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	9A93AF
RGB	154, 147, 175
RGB Percent	60%, 58%, 69%
CMY	0.3961, 0.4235, 0.3137
CMYK	0.12, 0.16, 0.00, 0.31
HSL	255°, 15%, 63%
HSV	255°, 16%, 69%
XYZ	31.4980, 30.8326, 44.8486
YIQ	152.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

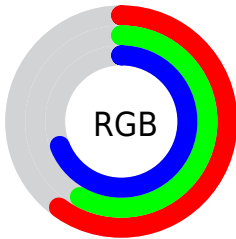
Format	Color
RYB	154, 147, 175
Decimal	10130351
CIELab	62.37, 8.22, -13.69
CIElCh	62, 15.973, 300.981
Yxy	30.8326, 0.2939, 0.2877
Android (android.graphics.Color)	4288320431 (0xFF9A93AF)
YUV	152.2850, 11.1985, 1.5041
Hunter-Lab	55.5271, 4.0825, -9.0189

Details

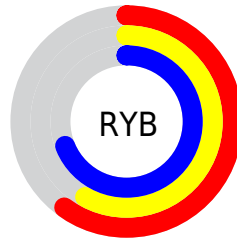
The XYZ color **31.4980, 30.8326, 44.8486** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.7460, 41.0922, 33.6001**, and the grayscale version is **29.9235, 31.4818, 34.2837**.

A 20% lighter version of the original color is **61.6049, 61.0981, 84.1475**, and **13.3515, 12.6794, 20.4826** is the 20% darker color. If you saturate the color by 10%, you get **26.6181, 24.5805, 43.8995**, and if you desaturate by 10%, it is **37.0670, 38.0561, 45.9498**.

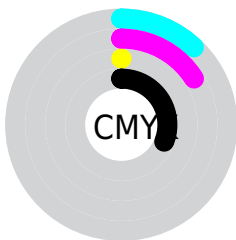
Distribution



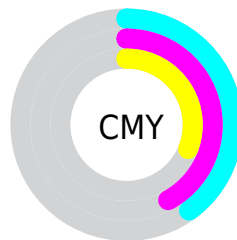
- Red (60%)
- Green (58%)
- Blue (69%)



- Red (60%)
- Yellow (58%)
- Blue (69%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4980, 30.8326, 44.8486 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 31.4980, 30.8326, 44.8486 by changing the saturation by 10% instead.

■ 31.4980, 30.8326,
44.8486

■ 31.4980, 30.8326,
44.8486

300.6122,
305.7664, 382.3023

■ 21.1320, 20.4714,
30.9961

■ 61.3938, 60.9764,
83.8092

■ 13.3336, 12.7382,
20.3374

■ 81.6544, 81.5278,
109.7544

■ 7.7372, 7.2485,
12.4541

105.9438,
106.2448, 140.5676

■ 3.9776, 3.6180,
6.9274

134.6275,
135.5117, 176.6673

■ 1.6895, 1.4623,
3.3390

168.0709,
169.7129, 218.4721

■ 0.4497, 0.2619,
1.2702

206.6392,

■ 0.0000, 0.0000,

209.2328, 266.4005

0.0372

250.6978,
254.4558, 320.8710

0.0000, 0.0000,
0.0000

31.4980, 30.8326,
44.8486

31.4980, 30.8326,
44.8486

26.6181, 24.5805,
43.8995

37.0670, 38.0561,
45.9498

22.3970, 19.2541,
43.0939

43.3481, 46.2863,
47.2074

18.8064, 14.8098,
42.4253

50.3666, 55.5616,
48.6278

15.8148, 11.1989,
41.8860

58.1459, 65.9171,
50.2166

13.3877, 8.3680,
41.4675

66.7081, 77.3863,
51.9791

■ 11.4870, 6.2571,
41.1602

■ 76.0746, 90.0013,
53.9204

■ 10.0692, 4.7974,
40.9532

■ 81.4629, 94.1868,
54.4442

■ 9.0803, 3.9000,
40.8321

■ 84.7380, 95.8752,
54.5975

■ 8.7656, 3.6250,
40.7956

Harmonies

Analogous

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



29.3767, 30.8326, 46.9385



31.4980, 30.8326, 44.8486



33.0933, 30.8326, 39.6846

Triad

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



31.4980, 30.8326, 44.8486



31.3688, 30.8326, 24.1991



25.3422, 30.8326, 33.7758

Complementary

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



31.4980, 30.8326, 44.8486



36.7460, 41.0922, 33.6001

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.



25.8183, 30.8326, 28.1207



31.4980, 30.8326, 44.8486



29.2343, 30.8326, 23.0186

Square

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



31.4980, 30.8326, 44.8486



33.0161, 30.8326, 27.8080



27.2171, 30.8326, 24.3634



25.8838, 30.8326, 40.0809

Rectangle

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



31.4980, 30.8326, 44.8486



33.6061, 30.8326, 35.4726



27.2171, 30.8326, 24.3634



25.3883, 30.8326, 31.7395

Sweetspot

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



31.4989, 30.8339, 44.8493



67.3572, 69.4248, 82.4871



33.8604, 37.4770, 46.0071



14.8075, 15.2172, 18.3011



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.



31.4989, 30.8339, 44.8493



53.3677, 51.3034, 79.7266



34.2218, 32.2376, 44.9767



7.7595, 7.8503, 10.0590



6.3262, 2.6211, 29.2170



0.2260, 0.0987, 0.8151

Inverse Universe

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



35.1818, 32.8099, 41.5259



61.1848, 55.4997, 72.5701



34.0129, 39.6832, 33.4722



8.2502, 8.1133, 9.6286



15.6325, 7.7156, 16.2423



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 31.4980, 30.8326, 44.8486 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 31.4980, 30.8326, 44.8486 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 31.4980, 30.8326, 44.8486

Background



This preview shows how black text looks on a background with the XYZ color 31.4980, 30.8326, 44.8486.



This preview shows how white text looks on a background with the XYZ color 31.4980, 30.8326,

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

31.4980, 30.8326, 44.8486

Protanopia

30.5373, 30.7802, 45.9267

Deuteranopia

31.4980, 30.8326, 44.8486



Tritanopia

30.1294, 30.7435, 38.0643

Trichromacy



Original Color

31.4980, 30.8326, 44.8486

Protanomaly

30.8208, 30.7040, 45.3763

Deuteranomaly

31.4980, 30.8326, 44.8486

Tritanomaly

30.6097, 30.7053, 40.3898

Monochromacy



Original Color

31.4980, 30.8326, 44.8486

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3884, 31.1231, 37.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4980, 30.8326, 44.8486 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(154, 147, 175)` looks like.

```
.text, #text, p{  
    color:rgb(154, 147, 175)  
}
```

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(154, 147, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 147, 175) }
```

Border

The CSS property to change the border of an element to XYZ 31.4980, 30.8326, 44.8486 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(154, 147, 175) }
```


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

```
.border{ border-color:rgb(154, 147, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 147, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 147, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 147, 175);  
box-shadow:4px 4px 4px 4px rgb(154, 147,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4980, 30.8326, 44.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 147, 175) }
```

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

```
.background{ background-color: rgb(154,  
147, 175) }
```

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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