

Converting Colors

XYZ(31.9491, 36.1782, 41.8584)

Have a look what the booklet for
XYZ(31.9491, 36.1782, 41.8584)
contains.

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Color

**XYZ(31.9491, 36.1782,
41.8584)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA7A7
RGB	142, 167, 167
RGB Percent	56%, 65%, 65%
CMY	0.4431, 0.3451, 0.3451
CMYK	0.15, 0.00, 0.00, 0.35
HSL	180°, 12%, 61%
HSV	180°, 15%, 65%
XYZ	31.9491, 36.1782, 41.8584
YIQ	159.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

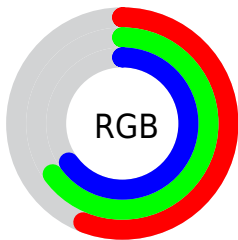
Format	Color
RYB	142, 155, 167
Decimal	9349031
CIELab	66.66, -8.62, -2.91
CIElCh	67, 9.103, 198.671
Yxy	36.1782, 0.2905, 0.3289
Android (android.graphics.Color)	4287539111 (0xFF8EA7A7)
YUV	159.5250, 3.6852, -15.3694
Hunter-Lab	60.1483, -10.4454, 0.8427

Details

The XYZ color **31.9491, 36.1782, 41.8584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4931, 29.5155, 29.6827**, and the grayscale version is **33.1845, 34.9126, 38.0199**.

A 20% lighter version of the original color is **62.0710, 69.2522, 79.2028**, and **13.5396, 15.7234, 18.5410** is the 20% darker color. If you saturate the color by 10%, you get **29.2959, 34.8114, 41.7343**, and if you desaturate by 10%, it is **35.0337, 37.7693, 42.0043**.

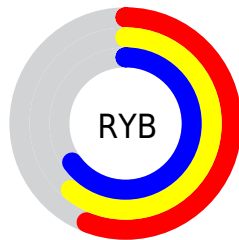
Distribution



Red (56%)

Green (65%)

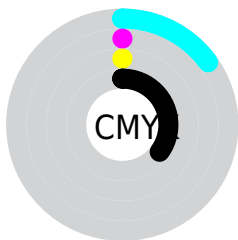
Blue (65%)



Red (56%)

Yellow (61%)

Blue (65%)

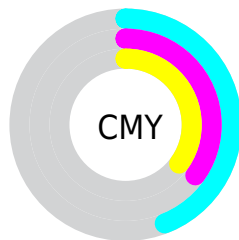


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9491, 36.1782, 41.8584 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 31.9491, 36.1782, 41.8584 by changing the saturation by 10% instead.

■ 31.9491, 36.1782,
41.8584

■ 31.9491, 36.1782,
41.8584

302.6367,
329.7388, 369.6779

■ 21.4780, 24.5719,
28.6657

■ 62.0970, 69.3070,
79.2530

■ 13.5883, 15.7584,
18.5847

■ 82.5045, 91.5983,
104.2921

■ 7.9147, 9.3533,
11.1968

■ 106.9549,
118.2200, 134.1169

■ 4.0917, 4.9724,
6.0835

135.8134,
149.5565, 169.1462

■ 1.7542, 2.2311,
2.8263

169.4455,
185.9923, 209.7984

■ 0.4898, 0.7368,
1.0067

208.2166,

■ 0.0000, 0.0000,

227.9116, 256.4920

0.0000

252.4918,
275.6990, 309.6457

■ 31.9491, 36.1782,
41.8584

■ 31.9491, 36.1782,
41.8584

■ 29.2959, 34.8114,
41.7343

■ 35.0337, 37.7693,
42.0043

■ 27.0519, 33.6546,
41.6285

■ 38.5645, 39.5895,
42.1702

■ 25.1978, 32.6988,
41.5410

■ 42.5592, 41.6488,
42.3579

■ 23.7113, 31.9325,
41.4707

■ 47.0339, 43.9556,
42.5681

■ 22.5679, 31.3431,
41.4165

■ 52.0038, 46.5176,
42.8014

■ 21.7403, 30.9164,
41.3770

■ 57.4833, 49.3424,
43.0586

■ 21.1969, 30.6363,
41.3508

■ 62.0355, 51.6892,
43.2723

■ 20.8985, 30.4825,
41.3361

■ 62.0356, 51.6892,
43.2731

■ 20.7933, 30.4283,
41.3308

■ 62.0358, 51.6893,
43.2738

Harmonies

Analogous

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



31.8660, 36.1782, 37.9276



31.9491, 36.1782, 41.8584



32.6748, 36.1782, 45.3370

Triad

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



31.9491, 36.1782, 41.8584



36.4039, 36.1782, 44.5903



34.9067, 36.1782, 32.4440

Complementary

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



31.9491, 36.1782, 41.8584



30.4931, 29.5155, 29.6827

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.



36.1565, 36.1782, 33.9907



31.9491, 36.1782, 41.8584



37.0361, 36.1782, 40.8935

Square

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



31.9491, 36.1782, 41.8584



35.2371, 36.1782, 46.9851



36.9444, 36.1782, 37.0243



33.5493, 36.1782, 32.6643

Rectangle

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



31.9491, 36.1782, 41.8584



33.4365, 36.1782, 46.8506



36.9444, 36.1782, 37.0243



35.3539, 36.1782, 32.7701

Sweetspot

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



31.9501, 36.1797, 41.8592



63.2752, 67.9151, 75.2487



29.9292, 35.3796, 30.8434



14.0620, 15.1477, 16.8347



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.9501, 36.1797, 41.8592



55.5392, 63.9271, 74.8848



29.8389, 31.9569, 41.1565



7.7475, 8.5321, 9.6567



15.9105, 23.2830, 31.6254



0.3871, 0.5665, 0.7695

Inverse Universe

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



30.4931, 29.5155, 29.6827



52.4184, 49.6527, 48.8032



32.3895, 33.3085, 30.3140



7.5312, 7.5423, 7.8483



12.1947, 6.2866, 0.5711



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 31.9491, 36.1782, 41.8584 looks on a white background.

Color Contrast Check

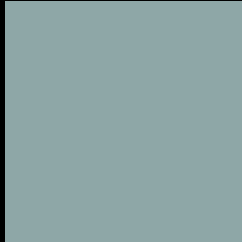
Large Text (above 18pt) WCAG AA × Fail

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 31.9491, 36.1782, 41.8584 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

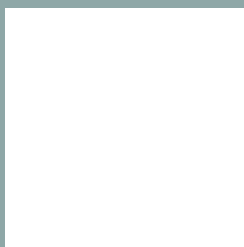
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9491, 36.1782, 41.8584

Background



This preview shows how black text looks on a background with the XYZ color 31.9491, 36.1782, 41.8584.



This preview shows how white text looks on a background with the XYZ color 31.9491, 36.1782,

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

31.9491, 36.1782, 41.8584

Protanopia

34.6656, 36.0266, 39.7771

Deuteranopia

36.6740, 35.9772, 42.5475



Tritanopia

32.9926, 36.0539, 47.3397

Trichromacy



Original Color

31.9491, 36.1782, 41.8584

Protanomaly

33.5083, 35.9426, 40.2935

Deuteranomaly

34.7130, 35.9983, 42.1646

Tritanomaly

32.6039, 36.1681, 45.3071

Monochromacy



Original Color

31.9491, 36.1782, 41.8584

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8449, 35.6110, 39.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9491, 36.1782, 41.8584 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(142, 167, 167) looks like.

```
.text, #text, p{  
    color:rgb(142, 167, 167)  
}
```

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(142, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 167, 167) }
```

Border

The CSS property to change the border of an element to XYZ 31.9491, 36.1782, 41.8584 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(142, 167, 167) }
```


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

```
.border{ border-color:rgb(142, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 167,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9491, 36.1782, 41.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 167, 167) }
```

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

```
.background{ background-color: rgb(142,  
167, 167) }
```

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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