

Converting Colors

XYZ(31.5439, 34.5257, 45.5595)

Have a look what the booklet for
XYZ(31.5439, 34.5257, 45.5595)
contains.

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Color

**XYZ(31.6427, 34.5985,
45.5679)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA2AF
RGB	141, 162, 175
RGB Percent	55%, 64%, 69%
CMY	0.4471, 0.3647, 0.3137
CMYK	0.19, 0.07, 0.00, 0.31
HSL	203°, 18%, 62%
HSV	203°, 19%, 69%
XYZ	31.6427, 34.5985, 45.5679
YIQ	157.2030, -16.6890, -0.4090

Conversions

Conversions Part 2

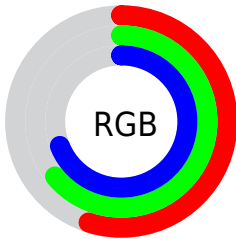
Format	Color
R_{YB}	141, 154, 175
Decimal	9282223
CIE _{Lab}	65.43, -4.48, -9.19
CIE _{LCh}	65, 10.226, 244.040
Yxy	34.5985, 0.2830, 0.3094
Android (android.graphics.Color)	4287472303 (0xFF8DA2AF)
YUV	157.2030, 8.7739, -14.2100
Hunter-Lab	58.8205, -6.9111, -4.7573

Details

The XYZ color **31.6427, 34.5985, 45.5679** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0429, 34.1484, 29.9971**, and the grayscale version is **32.1071, 33.7792, 36.7855**.

A 20% lighter version of the original color is **61.7423, 66.9973, 85.2789**, and **13.3675, 14.7556, 20.8825** is the 20% darker color. If you saturate the color by 10%, you get **27.7519, 30.8903, 45.0578**, and if you desaturate by 10%, it is **36.0685, 38.6774, 46.1225**.

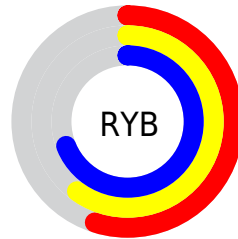
Distribution



Red (55%)

Green (64%)

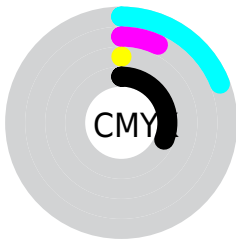
Blue (69%)



Red (55%)

Yellow (60%)

Blue (69%)

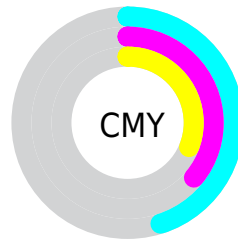


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6427, 34.5985, 45.5679 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 31.6427, 34.5985, 45.5679 by changing the saturation by 10% instead.

■ 31.6427, 34.5985,
45.5679

■ 31.6427, 34.5985,
45.5679

301.2627,
322.7926, 385.2957

■ 21.2430, 23.3538,
31.5588

■ 61.6195, 66.8633,
84.8994

■ 13.4152, 14.8549,
20.7627

■ 81.9273, 88.6522,
111.0589

■ 7.7940, 8.7176,
12.7611

■ 106.2685,
114.7245, 142.1055

■ 4.0141, 4.5575,
7.1355

135.0084,
145.4648, 178.4579

■ 1.7101, 1.9900,
3.4672

168.5124,
181.2573, 220.5346

■ 0.4626, 0.6017,
1.3379

207.1459,

■ 0.0000, 0.0000,

222.4865, 268.7541

0.0925

251.2742,
269.5368, 323.5350

0.0000, 0.0000,
0.0000

31.6427, 34.5985,
45.5679

31.6427, 34.5985,
45.5679

27.7519, 30.8903,
45.0578

36.0685, 38.6774,
46.1225

24.3699, 27.5352,
44.5884

41.0478, 43.1351,
46.7205

21.4731, 24.5204,
44.1592

46.6017, 47.9850,
47.3639

19.0344, 21.8305,
43.7685

52.7496, 53.2383,
48.0539

17.0241, 19.4485,
43.4147

59.5097, 58.9057,
48.7915

■ 15.4082, 17.3554,
43.0959

■ 66.8995, 64.9976,
49.5778

■ 14.1472, 15.5293,
42.8098

■ 71.7380, 69.8752,
50.2643

■ 13.1640, 13.9286,
42.5527

■ 73.4124, 73.2241,
50.8224

■ 13.1109, 13.8411,
42.5386

■ 75.1566, 76.7123,
51.4038

Harmonies

Analogous

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



30.5602, 34.5985, 42.4700



31.6427, 34.5985, 45.5679



33.0878, 34.5985, 46.4937

Triad

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



31.6427, 34.5985, 45.5679



35.8360, 34.5985, 37.0949



31.3021, 34.5985, 31.2544

Complementary

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



31.6427, 34.5985, 45.5679



34.0429, 34.1484, 29.9971

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.



32.6827, 34.5985, 30.0431



31.6427, 34.5985, 45.5679



35.3244, 34.5985, 33.2495

Square

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



31.6427, 34.5985, 45.5679



35.5373, 34.5985, 41.3911



34.1591, 34.5985, 30.7451



30.3678, 34.5985, 34.1824

Rectangle

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



31.6427, 34.5985, 45.5679



34.0697, 34.5985, 45.7003



34.1591, 34.5985, 30.7451



31.7278, 34.5985, 30.6435

Sweetspot

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



31.6437, 34.5999, 45.5687



67.4489, 71.8461, 82.9496



32.1036, 38.6387, 36.1062



14.8685, 15.8580, 18.4216



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.



31.6437, 34.5999, 45.5687



53.7932, 59.2516, 81.2384



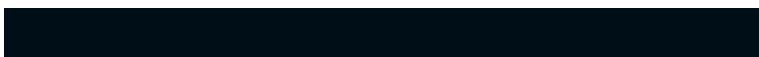
28.9302, 29.1728, 44.6642



7.9752, 8.5499, 10.1826



9.4498, 10.0335, 30.4831



0.3136, 0.3805, 0.8649

Inverse Universe

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



33.7265, 30.7732, 38.3462



58.2063, 51.3908, 65.8797



36.9499, 39.9624, 30.9661



8.2053, 8.0954, 9.3920



14.6335, 7.3159, 10.9813



0.4327, 0.2138, 0.4402

Previews

White Background



This preview shows how the XYZ color 31.6427, 34.5985, 45.5679 looks on a white background.

Color Contrast Check

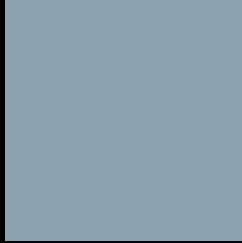
Large Text (above 18pt) WCAG AA × Fail

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 31.6427, 34.5985, 45.5679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

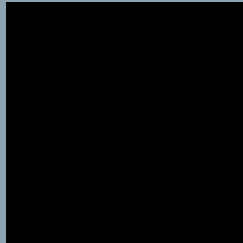
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

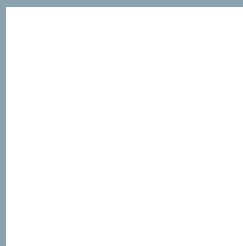
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.6427, 34.5985, 45.5679

Background



This preview shows how black text looks on a background with the XYZ color 31.6427, 34.5985, 45.5679.



This preview shows how white text looks on a background with the XYZ color 31.6427, 34.5985,

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

31.6427, 34.5985, 45.5679

Protanopia

33.5779, 34.6004, 43.9385

Deuteranopia

35.2173, 34.3925, 46.3772



Tritanopia

31.6427, 34.5985, 45.5679

Trichromacy



Original Color

31.6427, 34.5985, 45.5679

Protanomaly

32.7035, 34.3927, 44.4500

Deuteranomaly

33.7981, 34.4166, 45.9360

Tritanomaly

31.6427, 34.5985, 45.5679

Monochromacy



Original Color

31.6427, 34.5985, 45.5679

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.8615, 34.0559, 40.0161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6427, 34.5985, 45.5679 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(141, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(141, 162, 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(141, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 162, 175) }
```

Border

The CSS property to change the border of an element to XYZ 31.6427, 34.5985, 45.5679 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(141, 162, 175) }
```


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

```
.border{ border-color:rgb(141, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(141, 162,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6427, 34.5985, 45.5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 162, 175) }
```

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

```
.background{ background-color: rgb(141,  
162, 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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