

Converting Colors

XYZ(30.1640, 33.6639, 43.7711)

Have a look what the booklet for
XYZ(30.1640, 33.6639, 43.7711)
contains.

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Color

**XYZ(30.1829, 33.6192,
43.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	87A1AC
RGB	135, 161, 172
RGB Percent	53%, 63%, 67%
CMY	0.4706, 0.3686, 0.3255
CMYK	0.22, 0.06, 0.00, 0.33
HSL	198°, 18%, 60%
HSV	198°, 22%, 67%
XYZ	30.1829, 33.6192, 43.9281
YIQ	154.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

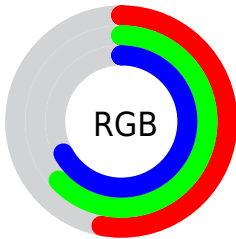
Format	Color
RYB	135, 150, 172
Decimal	8888748
CIELab	64.66, -6.55, -8.72
CIELCh	65, 10.900, 233.090
Yxy	33.6192, 0.2802, 0.3121
Android (android.graphics.Color)	4287078828 (0xFF87A1AC)
YUV	154.4800, 8.6374, -17.0840
Hunter-Lab	57.9821, -8.5494, -4.3316

Details

The XYZ color **30.1829, 33.6192, 43.9281** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6656, 31.0776, 27.2519**, and the grayscale version is **30.8961, 32.5051, 35.3981**.

A 20% lighter version of the original color is **59.4073, 65.4766, 82.1802**, and **12.5150, 14.1782, 19.8463** is the 20% darker color. If you saturate the color by 10%, you get **26.7609, 30.5566, 43.5179**, and if you desaturate by 10%, it is **34.0905, 36.9881, 44.3730**.

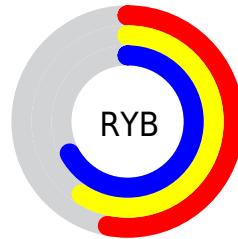
Distribution



Red (53%)

Green (63%)

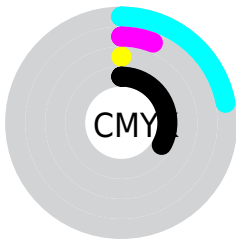
Blue (67%)



Red (53%)

Yellow (59%)

Blue (67%)

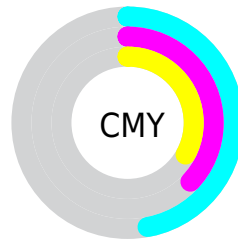


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1829, 33.6192, 43.9281 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 30.1829, 33.6192, 43.9281 by changing the saturation by 10% instead.

■ 30.1829, 33.6192,
43.9281

■ 30.1829, 33.6192,
43.9281

294.6506,
318.4307, 378.4476

■ 20.1262, 22.6012,
30.2772

■ 59.3359, 65.3411,
82.4109

■ 12.5956, 14.2993,
19.7953

■ 79.1630, 86.8137,
108.0798

■ 7.2258, 8.3291,
12.0637

■ 102.9776,
112.5400, 138.5919

■ 3.6513, 4.3063,
6.6640

131.1451,
142.9045, 174.3656

■ 1.5068, 1.8463,
3.1776

164.0307,
178.2913, 215.8194

■ 0.3305, 0.5158,
1.1860

202.0000,

■ 0.0000, 0.0000,

219.0851, 263.3720

0.0000

245.4181,
265.6701, 317.4419

■ 30.1829, 33.6192,
43.9281

■ 30.1829, 33.6192,
43.9281

■ 26.7609, 30.5566,
43.5179

■ 34.0905, 36.9881,
44.3730

■ 23.7998, 27.7843,
43.1388

■ 38.5011, 40.6704,
44.8512

■ 21.2767, 25.2908,
42.7905

■ 43.4350, 44.6778,
45.3647

■ 19.1660, 23.0621,
42.4716

■ 48.9104, 49.0205,
45.9144

■ 17.4388, 21.0828,
42.1806

■ 54.9444, 53.7079,
46.5011

■ 16.0624, 19.3352,
41.9158

■ 61.5535, 58.7491,
47.1258

■ 14.9980, 17.7987,
41.6753

■ 68.6054, 64.0763,
47.7824

■ 14.2688, 16.6232,
41.4869

■ 69.7845, 66.4345,
48.1754

■ 71.0033, 68.8721,
48.5817

Harmonies

Analogous

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



29.2684, 33.6192, 40.0860



30.1829, 33.6192, 43.9281



31.5938, 33.6192, 45.8324

Triad

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



30.1829, 33.6192, 43.9281



35.0314, 33.6192, 37.6509



30.7898, 33.6192, 29.2450

Complementary

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



30.1829, 33.6192, 43.9281



31.6656, 31.0776, 27.2519

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.



32.3170, 33.6192, 28.7085



30.1829, 33.6192, 43.9281



34.7992, 33.6192, 33.3327

Square

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



30.1829, 33.6192, 43.9281



34.4178, 33.6192, 42.0219



33.7931, 33.6192, 30.1457



29.6107, 33.6192, 31.6760

Rectangle

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



30.1829, 33.6192, 43.9281



32.6396, 33.6192, 45.6455



33.7931, 33.6192, 30.1457



31.2782, 33.6192, 28.8458

Sweetspot

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



30.1839, 33.6206, 43.9289



66.0523, 70.6385, 80.9590



29.8930, 36.7158, 32.4958



14.2464, 15.2610, 17.5825



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1839, 33.6206, 43.9289



51.5734, 58.1703, 79.3156



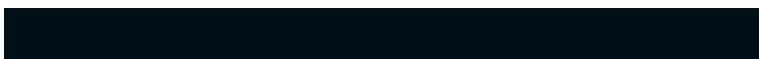
27.2636, 27.7800, 42.9554



8.0323, 8.6639, 10.2017



10.6676, 12.4691, 30.8891



0.3414, 0.4361, 0.8742

Inverse Universe

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



32.1110, 28.6725, 37.5617



55.7806, 47.7119, 65.3380



34.6595, 37.0655, 28.2499



8.2341, 8.1069, 9.5436



15.2482, 7.5618, 14.2182



0.4467, 0.2194, 0.5141

Previews

White Background



This preview shows how the XYZ color 30.1829, 33.6192, 43.9281 looks on a white background.

Color Contrast Check

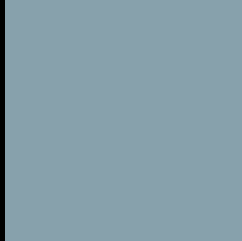
Large Text (above 18pt) WCAG AA × Fail

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 30.1829, 33.6192, 43.9281 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

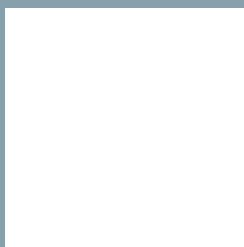
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1829, 33.6192, 43.9281

Background



This preview shows how black text looks on a background with the XYZ color 30.1829, 33.6192, 43.9281.



This preview shows how white text looks on a background with the XYZ color 30.1829, 33.6192,

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

30.1829, 33.6192, 43.9281

Protanopia

32.5931, 33.3752, 42.2603

Deuteranopia

34.1781, 33.4050, 44.6908



Tritanopia

30.3765, 33.6966, 44.9475

Trichromacy



Original Color

30.1829, 33.6192, 43.9281

Protanomaly

31.5254, 33.3121, 42.7985

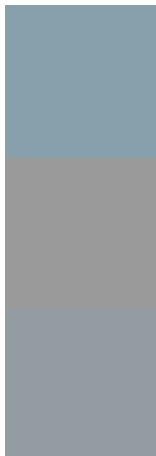
Deuteranomaly

32.4010, 33.2321, 44.2419

Tritanomaly

30.2794, 33.6578, 44.4359

Monochromacy



Original Color

30.1829, 33.6192, 43.9281

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.5226, 32.8902, 38.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1829, 33.6192, 43.9281 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(135, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(135, 161, 172)  
}
```

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(135, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 161, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.1829, 33.6192, 43.9281 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(135, 161, 172) }
```


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

```
.border{ border-color:rgb(135, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(135, 161,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1829, 33.6192, 43.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 161, 172) }
```

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

```
.background{ background-color: rgb(135,  
161, 172) }
```

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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