

Converting Colors

XYZ(29.2694, 36.7799, 45.6631)

Have a look what the booklet for
XYZ(29.2694, 36.7799, 45.6631)
contains.

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Color

**XYZ(29.2064, 36.6431,
45.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAEAE
RGB	110, 174, 174
RGB Percent	43%, 68%, 68%
CMY	0.5686, 0.3176, 0.3176
CMYK	0.37, 0.00, 0.00, 0.32
HSL	180°, 28%, 56%
HSV	180°, 37%, 68%
XYZ	29.2064, 36.6431, 45.5779
YIQ	154.8640, -38.1440, -13.5680

Conversions

Conversions Part 2

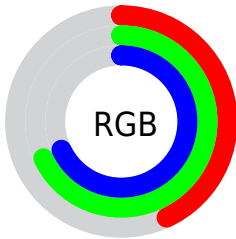
Format	Color
RYB	110, 142, 174
Decimal	7253678
CIELab	67.01, -20.39, -6.49
CIElCh	67, 21.400, 197.661
Yxy	36.6431, 0.2621, 0.3289
Android (android.graphics.Color)	4285443758 (0xFF6EAEAE)
YUV	154.8640, 9.4340, -39.3457
Hunter-Lab	60.5335, -19.8105, -2.2681

Details

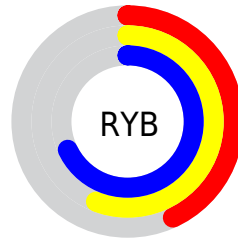
The XYZ color **29.2064, 36.6431, 45.5779** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8472, 21.2773, 17.4977**, and the grayscale version is **31.0681, 32.6861, 35.5951**.

A 20% lighter version of the original color is **57.7495, 70.1433, 84.6240**, and **12.0376, 15.9497, 20.8565** is the 20% darker color. If you saturate the color by 10%, you get **27.2507, 35.6358, 45.4869**, and if you desaturate by 10%, it is **31.5893, 37.8724, 45.6905**.

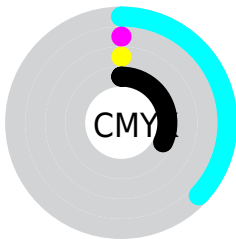
Distribution



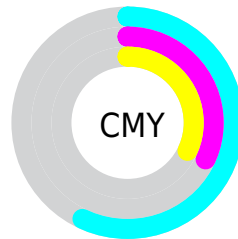
- Red (43%)
- Green (68%)
- Blue (68%)



- Red (43%)
- Yellow (56%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2064, 36.6431, 45.5779 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 29.2064, 36.6431, 45.5779 by changing the saturation by 10% instead.

■ 29.2064, 36.6431,
45.5779

■ 29.2064, 36.6431,
45.5779

290.1642,
331.7628, 385.3372

■ 19.3821, 24.9313,
31.5666

■ 57.8001, 70.0235,
84.9146

■ 12.0523, 16.0259,
20.7686

■ 77.3003, 92.4609,
111.0770

■ 6.8518, 9.5425,
12.7654

■ 100.7564,
119.2423, 142.1269

■ 3.4151, 5.0967,
7.1384

■ 128.5339,
150.7521, 178.4828

■ 1.3769, 2.3041,
3.4690

160.9980,
187.3746, 220.5632

■ 0.2397, 0.7759,
1.3388

198.5142,

■ 0.0000, 0.0000,

229.4943, 268.7868

0.0933

241.4479,
277.4955, 323.5719

■ 0.0000, 0.0000,
0.0000

■ 29.2064, 36.6431,
45.5779

■ 29.2064, 36.6431,
45.5779

■ 27.2507, 35.6358,
45.4869

■ 31.5893, 37.8724,
45.6905

■ 25.6941, 34.8334,
45.4138

■ 34.4193, 39.3313,
45.8232

■ 24.5100, 34.2229,
45.3581

■ 37.7186, 41.0322,
45.9779

■ 23.6673, 33.7885,
45.3184

■ 41.5072, 42.9853,
46.1555

■ 23.1299, 33.5115,
45.2929

■ 45.8040, 45.2004,
46.3568

■ 22.8466, 33.3654,
45.2794

■ 50.6268, 47.6866,
46.5828

■ 22.7764, 33.3293,
45.2760

■ 55.9925, 50.4527,
46.8342

■ 61.9172, 53.5070,
47.1118

■ 64.0173, 54.5896,
47.2103

Harmonies

Analogous

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



29.0731, 36.6431, 36.1944



29.2064, 36.6431, 45.5779



30.7865, 36.6431, 54.6433

Triad

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



29.2064, 36.6431, 45.5779



39.6546, 36.6431, 53.2069



36.1807, 36.6431, 24.8438

Complementary

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



29.2064, 36.6431, 45.5779



25.8472, 21.2773, 17.4977

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.



39.2089, 36.6431, 28.0772



29.2064, 36.6431, 45.5779



41.2967, 36.6431, 43.8462

Square

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



29.2064, 36.6431, 45.5779



36.7587, 36.6431, 59.4971



41.1287, 36.6431, 34.7109



32.9664, 36.6431, 25.1587

Rectangle

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



29.2064, 36.6431, 45.5779



32.5065, 36.6431, 58.8473



41.1287, 36.6431, 34.7109



37.2578, 36.6431, 25.5279

Sweetspot

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



29.2075, 36.6446, 45.5787



65.6667, 73.0086, 83.2674



24.5155, 34.7832, 20.1742



14.4194, 16.1364, 18.4988



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.



29.2075, 36.6446, 45.5787



50.0793, 64.9730, 82.5362



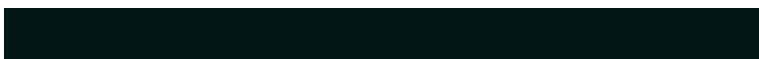
23.9039, 26.0371, 43.8118



8.2364, 9.0721, 10.2696



16.5193, 24.1730, 32.8377



0.4596, 0.6725, 0.9135

Inverse Universe

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



25.8472, 21.2773, 17.4977



43.1010, 33.0601, 24.2208



29.7863, 29.1558, 18.8102



8.0053, 8.0154, 8.3386



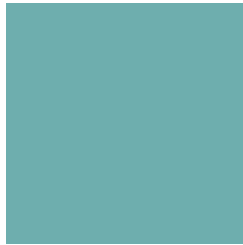
12.6607, 6.5268, 0.5926



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 29.2064, 36.6431, 45.5779 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 29.2064, 36.6431, 45.5779 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

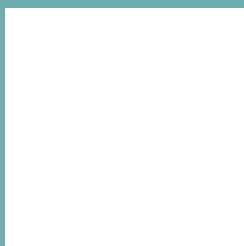
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2064, 36.6431, 45.5779

Background



This preview shows how black text looks on a background with the XYZ color 29.2064, 36.6431, 45.5779.

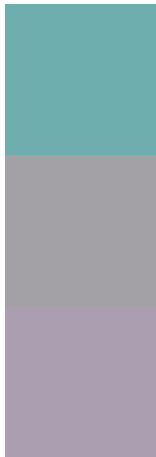


This preview shows how white text looks on a background with the XYZ color 29.2064, 36.6431,

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

29.2064, 36.6431, 45.5779

Protanopia

34.9376, 36.1354, 41.2098

Deuteranopia

36.9573, 36.2860, 46.6510



Tritanopia

30.4255, 36.5609, 51.9077

Trichromacy



Original Color

29.2064, 36.6431, 45.5779

Protanomaly

32.2992, 36.0663, 42.7953

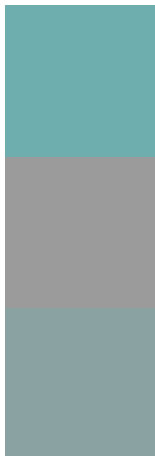
Deuteranomaly

33.5064, 36.0751, 46.2715

Tritanomaly

30.0692, 36.7093, 49.7568

Monochromacy



Original Color

29.2064, 36.6431, 45.5779

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.0894, 33.9383, 39.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2064, 36.6431, 45.5779 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(110, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 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(110, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 29.2064, 36.6431, 45.5779 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(110, 174, 174) }
```


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

```
.border{ border-color:rgb(110, 174, 174) }
```

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

Here you see how a box with a 4 pixel rgb(110, 174, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(110, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2064, 36.6431, 45.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 174) }
```

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

```
.background{ background-color: rgb(110,  
174, 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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