

Converting Colors

XYZ(26.9851, 31.1010, 45.2085)

Have a look what the booklet for
XYZ(26.9851, 31.1010, 45.2085)
contains.

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Color

**XYZ(27.0350, 31.1937,
45.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	739EAF
RGB	115, 158, 175
RGB Percent	45%, 62%, 69%
CMY	0.5490, 0.3804, 0.3137
CMYK	0.34, 0.10, 0.00, 0.31
HSL	197°, 27%, 57%
HSV	197°, 34%, 69%
XYZ	27.0350, 31.1937, 45.1535
YIQ	147.0810, -31.0850, -3.8290

Conversions

Conversions Part 2

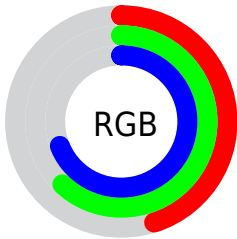
Format	Color
RYB	115, 140, 175
Decimal	7577263
CIELab	62.67, -10.27, -13.51
CIElCh	63, 16.968, 232.742
Yxy	31.1937, 0.2615, 0.3017
Android (android.graphics.Color)	4285767343 (0xFF739EAF)
YUV	147.0810, 13.7641, -28.1350
Hunter-Lab	55.8513, -11.3363, -8.8376

Details

The XYZ color **27.0350, 31.1937, 45.1535** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.0256, 26.8548, 19.8743**, and the grayscale version is **27.7215, 29.1652, 31.7609**.

A 20% lighter version of the original color is **54.5802, 61.7930, 84.6519**, and **10.9472, 13.0354, 20.6780** is the 20% darker color. If you saturate the color by 10%, you get **24.1201, 28.4614, 44.7803**, and if you desaturate by 10%, it is **30.4228, 34.2219, 45.5600**.

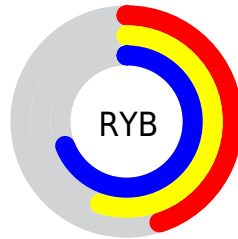
Distribution



Red (45%)

Green (62%)

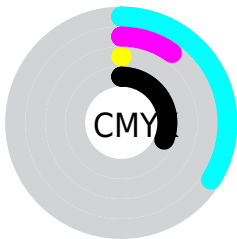
Blue (69%)



Red (45%)

Yellow (55%)

Blue (69%)

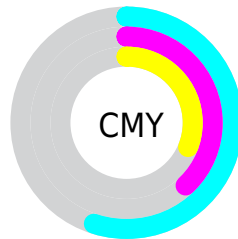


Cyan (34%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0350, 31.1937, 45.1535 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 27.0350, 31.1937, 45.1535 by changing the saturation by 10% instead.

■ 27.0350, 31.1937,
45.1535

■ 27.0350, 31.1937,
45.1535

279.9910,
307.4297, 383.5731

■ 17.7362, 20.7464,
31.2345

■ 54.3595, 61.5449,
84.2716

■ 10.8593, 12.9387,
20.5175

■ 73.1160, 82.2176,
110.3078

■ 6.0389, 7.3864,
12.5840

■ 95.7557, 107.0675,
141.2201

■ 2.9096, 3.7049,
7.0154

122.6441,
136.4791, 177.4272

■ 1.1062, 1.5099,
3.3931

154.1464,
170.8367, 219.3475

■ 0.0303, 0.2957,
1.2987

190.6281,

■ 0.0000, 0.0000,

210.5247, 267.3995

0.0607

232.4545,
255.9276, 322.0019

■ 0.0000, 0.0000,
0.0000

■ 27.0350, 31.1937,
45.1535

■ 27.0350, 31.1937,
45.1535

■ 24.1201, 28.4614,
44.7803

■ 30.4228, 34.2219,
45.5600

■ 21.6500, 26.0079,
44.4369

■ 34.3039, 37.5548,
45.9987

■ 19.5981, 23.8193,
44.1226

■ 38.7009, 41.2056,
46.4717

■ 17.9333, 21.8792,
43.8359

■ 43.6340, 45.1850,
46.9798

■ 16.6201, 20.1685,
43.5749

■ 49.1224, 49.5037,
47.5241

■ 15.6156, 18.6646,
43.3376

■ 55.1843, 54.1715,
48.1056

■ 15.1250, 17.8692,
43.2099

■ 61.8372, 59.1979,
48.7251

■ 69.0960, 64.5912,
49.3835

■ 70.2454, 66.8901,
49.7667

Harmonies

Analogous

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



25.7305, 31.1937, 39.1344



27.0350, 31.1937, 45.1535



29.0899, 31.1937, 48.2430

Triad

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



27.0350, 31.1937, 45.1535



34.2865, 31.1937, 35.6005



27.9612, 31.1937, 23.5132

Complementary

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



27.0350, 31.1937, 45.1535



29.0256, 26.8548, 19.8743

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.



30.2145, 31.1937, 22.8244



27.0350, 31.1937, 45.1535



33.9457, 31.1937, 29.2715

Square

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



27.0350, 31.1937, 45.1535



33.3340, 31.1937, 42.2806



32.4256, 31.1937, 24.7960



26.2455, 31.1937, 26.8175

Rectangle

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



27.0350, 31.1937, 45.1535



30.6412, 31.1937, 47.9759



32.4256, 31.1937, 24.7960



28.6778, 31.1937, 22.9873

Sweetspot

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



27.0360, 31.1949, 45.1542



64.5600, 69.8766, 82.7217



26.4977, 35.9441, 27.0150



14.1127, 15.3335, 18.3602



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.



27.0360, 31.1949, 45.1542



44.4646, 52.1849, 80.3660



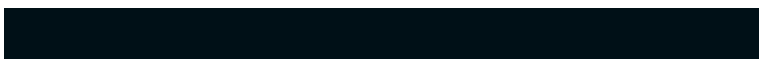
22.6592, 22.4415, 43.6953



8.0417, 8.6827, 10.2048



10.8855, 12.9049, 30.9617



0.3461, 0.4457, 0.8758

Inverse Universe

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



29.9823, 23.8450, 35.3713



50.6683, 37.5431, 59.5805



33.5192, 35.8422, 21.3722



8.2388, 8.1088, 9.5686



15.3582, 7.6058, 14.7973



0.4491, 0.2203, 0.5268

Previews

White Background



This preview shows how the XYZ color 27.0350, 31.1937, 45.1535 looks on a white background.

Color Contrast Check

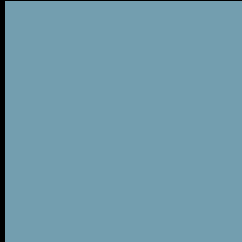
Large Text (above 18pt) WCAG AA × Fail

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 27.0350, 31.1937, 45.1535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

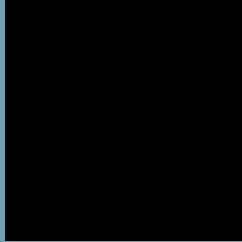
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0350, 31.1937, 45.1535

Background



This preview shows how black text looks on a background with the XYZ color 27.0350, 31.1937, 45.1535.



This preview shows how white text looks on a background with the XYZ color 27.0350, 31.1937,

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

27.0350, 31.1937, 45.1535

Protanopia

30.3748, 31.0109, 42.4150

Deuteranopia

31.5064, 30.8141, 45.8821



Tritanopia

26.6883, 31.3140, 43.1657

Trichromacy



Original Color

27.0350, 31.1937, 45.1535

Protanomaly

28.9910, 30.9953, 43.4844

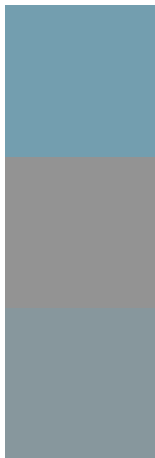
Deuteranomaly

29.5505, 30.7568, 45.4535

Tritanomaly

26.7840, 31.3522, 43.6696

Monochromacy



Original Color

27.0350, 31.1937, 45.1535

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1441, 29.7184, 36.2039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0350, 31.1937, 45.1535 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(115, 158, 175)` looks like.

```
.text, #text, p{  
    color:rgb(115, 158, 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(115, 158, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 158, 175) }
```

Border

The CSS property to change the border of an element to XYZ 27.0350, 31.1937, 45.1535 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(115, 158, 175) }
```


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

```
.border{ border-color:rgb(115, 158, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 158, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 158, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 158, 175);  
box-shadow:4px 4px 4px 4px rgb(115, 158,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0350, 31.1937, 45.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 158, 175) }
```

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

```
.background{ background-color: rgb(115,  
158, 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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