

Converting Colors

XYZ(27.8095, 35.8942, 39.0192)

Have a look what the booklet for
XYZ(27.8095, 35.8942, 39.0192)
contains.

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Color

**XYZ(27.8070, 35.7753,
39.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	6EADA1
RGB	110, 173, 161
RGB Percent	43%, 68%, 63%
CMY	0.5686, 0.3216, 0.3686
CMYK	0.36, 0.00, 0.07, 0.32
HSL	169°, 28%, 55%
HSV	169°, 36%, 68%
XYZ	27.8070, 35.7753, 39.1580
YIQ	152.7950, -33.6960, -17.0880

Conversions

Conversions Part 2

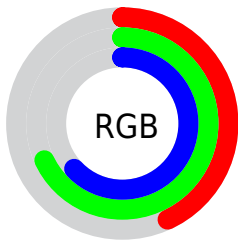
Format	Color
RYB	110, 145, 173
Decimal	7253409
CIELab	66.35, -23.02, -0.25
CIElCh	66, 23.023, 180.618
Yxy	35.7753, 0.2707, 0.3482
Android (android.graphics.Color)	4285443489 (0xFF6EADA1)
YUV	152.7950, 4.0451, -37.5312
Hunter-Lab	59.8125, -21.6866, 3.0528

Details

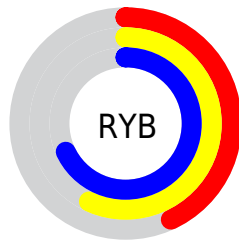
The XYZ color **27.8070, 35.7753, 39.1580** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3236, 21.4422, 21.1651**, and the grayscale version is **30.1834, 31.7553, 34.5815**.

A 20% lighter version of the original color is **55.7238, 68.8890, 75.3257**, and **11.2759, 15.4583, 17.1413** is the 20% darker color. If you saturate the color by 10%, you get **25.5745, 34.6585, 37.5569**, and if you desaturate by 10%, it is **30.4694, 37.1147, 40.8208**.

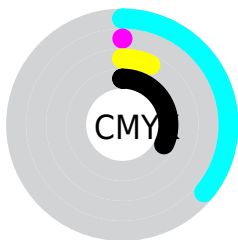
Distribution



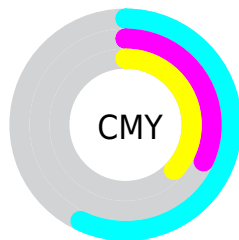
- Red (43%)
- Green (68%)
- Blue (63%)



- Red (43%)
- Yellow (57%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8070, 35.7753, 39.1580 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 27.8070, 35.7753, 39.1580 by changing the saturation by 10% instead.

■ 27.8070, 35.7753,
39.1580

■ 27.8070, 35.7753,
39.1580

283.6404,
327.9774, 358.0078

■ 18.3199, 24.2607,
26.5739

■ 55.5870, 68.6851,
75.1026

■ 11.2810, 15.5271,
17.0239

■ 74.6106, 90.8491,
99.3002

■ 6.3249, 9.1902,
10.0894

■ 97.5437, 117.3317,
128.2061

■ 3.0861, 4.8654,
5.3519

■ 124.7518,
148.5173, 162.2387

■ 1.1995, 2.1685,
2.3928

156.6002,
184.7902, 201.8166

■ 0.1060, 0.7027,
0.7825

193.4541,

■ 0.0000, 0.0000,

226.5350, 247.3584

0.0000

235.6791,
274.1359, 299.2826

■ 27.8070, 35.7753,
39.1580

■ 27.8070, 35.7753,
39.1580

■ 25.5745, 34.6585,
37.5569

■ 30.4694, 37.1147,
40.8208

■ 23.7443, 33.7472,
36.0136

■ 33.5814, 38.6841,
42.5441

■ 22.2902, 33.0290,
34.5272

■ 37.1649, 40.4956,
44.3301

■ 21.1816, 32.4880,
33.0961

■ 41.2397, 42.5595,
46.1799

■ 20.3832, 32.1061,
31.7183

■ 45.8242, 44.8853,
48.0948

■ 19.8464, 31.8582,
30.3912

■ 50.9361, 47.4820,
50.0759

■ 19.6812, 31.7831,
29.9261

■ 56.5922, 50.3584,
52.1241

■ 62.8083, 53.5225,
54.2406

■ 65.5511, 54.8951,
56.2369

Harmonies

Analogous

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



28.5576, 35.7753, 30.3762



27.8070, 35.7753, 39.1580



28.6212, 35.7753, 49.4234

Triad

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



27.8070, 35.7753, 39.1580



37.4858, 35.7753, 57.6422



37.3540, 35.7753, 24.6645

Complementary

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



27.8070, 35.7753, 39.1580



26.3236, 21.4422, 21.1651

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.



40.0212, 35.7753, 30.0772



27.8070, 35.7753, 39.1580



40.1008, 35.7753, 49.0096

Square

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



27.8070, 35.7753, 39.1580



34.0748, 35.7753, 61.1399



41.0579, 35.7753, 38.7492



33.9320, 35.7753, 22.9113

Rectangle

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



27.8070, 35.7753, 39.1580



29.9756, 35.7753, 55.5123



41.0579, 35.7753, 38.7492



38.3766, 35.7753, 26.0656

Sweetspot

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



27.8080, 35.7767, 39.1588



63.3852, 70.9182, 77.8482



25.8704, 35.1959, 20.1825



13.5948, 15.3210, 16.8279



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.



27.8080, 35.7767, 39.1588



46.4089, 62.3731, 67.7253



25.5464, 29.4776, 43.8800



8.1699, 9.0455, 9.9198



14.4781, 23.3565, 22.0891



0.4194, 0.6564, 0.7020

Inverse Universe

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



26.3236, 21.4422, 21.1651



43.3529, 32.7753, 30.6170



27.8863, 25.6853, 18.2406



8.0653, 8.0394, 8.6546



12.8783, 6.6138, 1.7384



0.3762, 0.1911, 0.1426

Previews

White Background



This preview shows how the XYZ color 27.8070, 35.7753, 39.1580 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 27.8070, 35.7753, 39.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

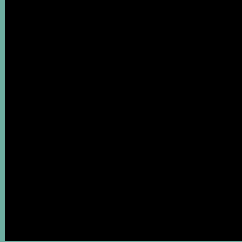
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.8070, 35.7753, 39.1580

Background



This preview shows how black text looks on a background with the XYZ color 27.8070, 35.7753, 39.1580.



This preview shows how white text looks on a background with the XYZ color 27.8070, 35.7753,

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

27.8070, 35.7753, 39.1580

Protanopia

33.9206, 35.4740, 35.6312

Deuteranopia

36.1356, 35.4922, 40.5434



Tritanopia

29.9922, 35.8132, 50.1316

Trichromacy



Original Color

27.8070, 35.7753, 39.1580

Protanomaly

31.2180, 35.3643, 37.0789

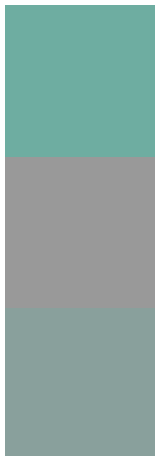
Deuteranomaly

32.3837, 35.1003, 40.1902

Tritanomaly

29.1108, 35.7317, 45.9200

Monochromacy



Original Color

27.8070, 35.7753, 39.1580

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8881, 32.8603, 36.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8070, 35.7753, 39.1580 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, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 173, 161)  
}
```

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, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 173, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.8070, 35.7753, 39.1580 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, 173, 161) }
```


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

```
.border{ border-color:rgb(110, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 173,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8070, 35.7753, 39.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 173, 161) }
```

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

```
.background{ background-color: rgb(110,  
173, 161) }
```

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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