

Converting Colors

XYZ(27.0249, 35.4455, 43.2799)

Have a look what the booklet for
XYZ(27.0249, 35.4455, 43.2799)
contains.

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Color

**XYZ(27.1111, 35.6073,
43.4742)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAEAA
RGB	95, 174, 170
RGB Percent	37%, 68%, 67%
CMY	0.6274, 0.3176, 0.3333
CMYK	0.45, 0.00, 0.02, 0.32
HSL	177°, 33%, 53%
HSV	177°, 45%, 68%
XYZ	27.1111, 35.6073, 43.4742
YIQ	149.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

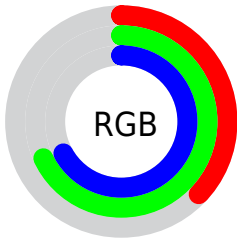
Format	Color
RYB	95, 136, 174
Decimal	6270634
CIELab	66.22, -25.26, -5.52
CIElCh	66, 25.852, 192.319
Yxy	35.6073, 0.2553, 0.3353
Android (android.graphics.Color)	4284460714 (0xFF5FAEAA)
YUV	149.9230, 9.8980, -48.1675
Hunter-Lab	59.6719, -23.3267, -1.4257

Details

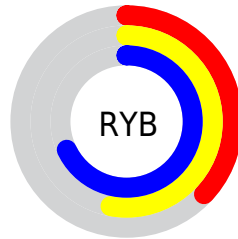
The XYZ color **27.1111, 35.6073, 43.4742** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8012, 18.0850, 14.0420**, and the grayscale version is **28.9310, 30.4376, 33.1466**.

A 20% lighter version of the original color is **54.4651, 68.5139, 81.5881**, and **10.8703, 15.3761, 19.5345** is the 20% darker color. If you saturate the color by 10%, you get **25.4188, 34.7453, 42.9619**, and if you desaturate by 10%, it is **29.2098, 36.6804, 44.0100**.

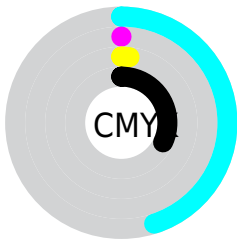
Distribution



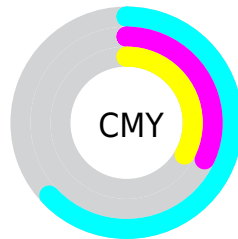
- Red (37%)
- Green (68%)
- Blue (67%)



- Red (37%)
- Yellow (53%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (63%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1111, 35.6073, 43.4742 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 27.1111, 35.6073, 43.4742 by changing the saturation by 10% instead.

■ 27.1111, 35.6073,
43.4742

■ 27.1111, 35.6073,
43.4742

280.3524,
327.2409, 376.5367

■ 17.7937, 24.1311,
29.9232

■ 54.4807, 68.4255,
81.7200

■ 10.9008, 15.4309,
19.5287

■ 73.2637, 90.5363,
107.2518

■ 6.0669, 9.1223,
11.8723

■ 95.9325, 116.9607,
137.6144

■ 2.9269, 4.8211,
6.5353

■ 122.8526,
148.0831, 173.2262

■ 1.1152, 2.1427,
3.0992

154.3892,
184.2879, 214.5058

■ 0.0378, 0.6885,
1.1455

190.9079,

■ 0.0000, 0.0000,

225.9596, 261.8717

0.0000

232.7738,
273.4824, 315.7425

■ 27.1111, 35.6073,
43.4742

■ 27.1111, 35.6073,
43.4742

■ 25.4188, 34.7453,
42.9619

■ 29.2098, 36.6804,
44.0100

■ 24.1025, 34.0763,
42.4694

■ 31.7363, 37.9731,
44.5679

■ 23.1328, 33.5859,
41.9960

■ 34.7145, 39.4987,
45.1499

■ 22.4742, 33.2558,
41.5400

■ 38.1655, 41.2679,
45.7570

■ 22.0826, 33.0632,
41.0994

■ 42.1091, 43.2909,
46.3901

■ 21.9454, 32.9968,
40.8998

■ 46.5639, 45.5775,
47.0500

■ 51.5476, 48.1366,
47.7376

■ 57.0771, 50.9770,
48.4538

■ 63.1684, 54.1070,
49.1992

Harmonies

Analogous

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



27.2661, 35.6073, 32.6781



27.1111, 35.6073, 43.4742



28.6573, 35.6073, 54.8765

Triad

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



27.1111, 35.6073, 43.4742



39.0791, 35.6073, 56.6646



36.1434, 35.6073, 21.8687

Complementary

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



27.1111, 35.6073, 43.4742



23.8012, 18.0850, 14.0420

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.



39.6209, 35.6073, 26.1710



27.1111, 35.6073, 43.4742



41.4022, 35.6073, 45.5762

Square

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



27.1111, 35.6073, 43.4742



35.4486, 35.6073, 63.4054



41.6077, 35.6073, 34.4186



32.2879, 35.6073, 21.5199

Rectangle

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



27.1111, 35.6073, 43.4742



30.5182, 35.6073, 60.7512



41.6077, 35.6073, 34.4186



37.4023, 35.6073, 22.8566

Sweetspot

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



27.1121, 35.6087, 43.4750



63.6440, 71.9914, 82.0193



22.4878, 33.8243, 16.1709



13.8705, 15.8599, 18.1788



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.



27.1121, 35.6087, 43.4750



46.2273, 63.0844, 77.9666



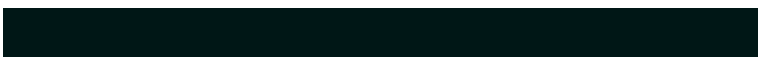
21.7045, 24.1782, 43.5689



8.2185, 9.0650, 10.1758



15.9233, 23.9346, 29.6992



0.4482, 0.6679, 0.8537

Inverse Universe

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



23.8012, 18.0850, 14.0420



39.5007, 27.4425, 18.1402



27.4034, 25.5883, 14.3220



8.0211, 8.0217, 8.4218



12.7024, 6.5435, 0.8124



0.3586, 0.1841, 0.0500

Previews

White Background



This preview shows how the XYZ color 27.1111, 35.6073, 43.4742 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 27.1111, 35.6073, 43.4742 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

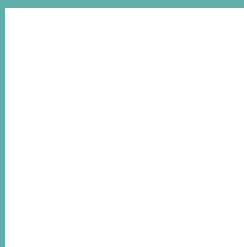
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1111, 35.6073, 43.4742

Background



This preview shows how black text looks on a background with the XYZ color 27.1111, 35.6073, 43.4742.



This preview shows how white text looks on a background with the XYZ color 27.1111, 35.6073,

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

27.1111, 35.6073, 43.4742

Protanopia

33.7315, 35.0509, 38.7059

Deuteranopia

35.8906, 35.2679, 44.9602



Tritanopia

28.7650, 35.7172, 51.2770

Trichromacy



Original Color

27.1111, 35.6073, 43.4742

Protanomaly

30.4575, 34.6345, 40.2018

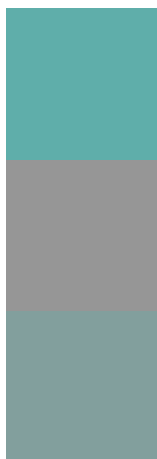
Deuteranomaly

31.7953, 34.9623, 44.6078

Tritanomaly

28.2188, 35.7791, 48.5988

Monochromacy



Original Color

27.1111, 35.6073, 43.4742

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6899, 31.9764, 36.6109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1111, 35.6073, 43.4742 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(95, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(95, 174, 170)  
}
```

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(95, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.1111, 35.6073, 43.4742 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(95, 174, 170) }
```


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

```
.border{ border-color:rgb(95, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(95, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1111, 35.6073, 43.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 174, 170) }
```

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

```
.background{ background-color: rgb(95, 174,  
170) }
```

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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