

Converting Colors

XYZ(27.6438, 34.2327, 42.6648)

Have a look what the booklet for
XYZ(27.6438, 34.2327, 42.6648)
contains.

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Color

**XYZ(27.5945, 34.1848,
42.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA8A9
RGB	110, 168, 169
RGB Percent	43%, 66%, 66%
CMY	0.5686, 0.3412, 0.3372
CMYK	0.35, 0.01, 0.00, 0.34
HSL	181°, 26%, 55%
HSV	181°, 35%, 66%
XYZ	27.5945, 34.1848, 42.6801
YIQ	150.7720, -34.8890, -11.9850

Conversions

Conversions Part 2

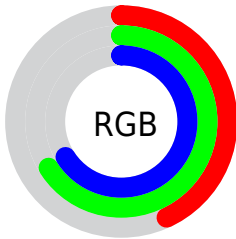
Format	Color
RYB	110, 139, 169
Decimal	7252137
CIELab	65.11, -18.53, -6.53
CIElCh	65, 19.645, 199.405
Yxy	34.1848, 0.2642, 0.3273
Android (android.graphics.Color)	4285442217 (0xFF6EA8A9)
YUV	150.7720, 8.9864, -35.7570
Hunter-Lab	58.4678, -18.0736, -2.3529

Details

The XYZ color **27.5945, 34.1848, 42.6801** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8617, 20.9302, 17.4823**, and the grayscale version is **29.2923, 30.8178, 33.5606**.

A 20% lighter version of the original color is **55.1521, 66.0497, 80.3631**, and **11.2012, 14.6747, 19.0718** is the 20% darker color. If you saturate the color by 10%, you get **25.6366, 33.0980, 42.5741**, and if you desaturate by 10%, it is **29.9556, 35.4813, 42.8065**.

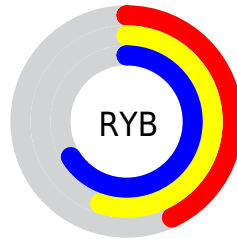
Distribution



Red (43%)

Green (66%)

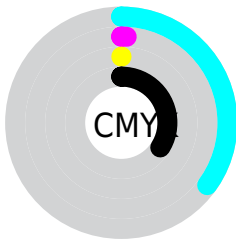
Blue (66%)



Red (43%)

Yellow (55%)

Blue (66%)

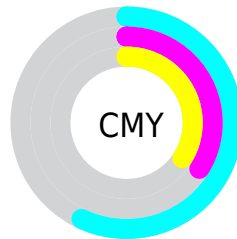


Cyan (35%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5945, 34.1848, 42.6801 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 27.5945, 34.1848, 42.6801 by changing the saturation by 10% instead.

■ 27.5945, 34.1848,
42.6801

■ 27.5945, 34.1848,
42.6801

282.6395,
320.9553, 373.1770

■ 18.1591, 23.0356,
29.3047

■ 55.2496, 66.2209,
80.5091

■ 11.1647, 14.6198,
19.0639

■ 74.2000, 87.8767,
105.7997

■ 6.2458, 8.5530,
11.5391

■ 97.0527, 113.8034,
135.8991

■ 3.0372, 4.4508,
6.3120

■ 124.1732,
144.3855, 171.2258

■ 1.1735, 1.9288,
2.9639

155.9268,
180.0073, 212.1984

■ 0.0853, 0.5656,
1.0762

192.6788,

■ 0.0000, 0.0000,

221.0533, 259.2355

0.0000

234.7946,
267.9078, 312.7555

■ 27.5945, 34.1848,
42.6801

■ 27.5945, 34.1848,
42.6801

■ 25.6366, 33.0980,
42.5741

■ 29.9556, 35.4813,
42.8065

■ 24.0560, 32.2051,
42.4851

■ 32.7378, 36.9942,
42.9519

■ 22.8285, 31.4943,
42.4126

■ 35.9619, 38.7351,
43.1180

■ 21.9258, 30.9512,
42.3553

■ 39.6461, 40.7134,
43.3056

■ 21.3156, 30.5590,
42.3118

■ 43.8078, 42.9380,
43.5157

■ 20.9577, 30.2971,
42.2801

■ 48.4634, 45.4173,
43.7489

■ 20.8235, 30.1885,
42.2662

■ 53.6286, 48.1596,
44.0059

■ 59.3183, 51.1724,
44.2876

■ 62.8846, 53.0908,
44.4699

Harmonies

Analogous

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



27.3997, 34.1848, 34.4111



27.5945, 34.1848, 42.6801



29.0563, 34.1848, 50.4482

Triad

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



27.5945, 34.1848, 42.6801



36.8306, 34.1848, 48.3902



33.5092, 34.1848, 23.8336

Complementary

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



27.5945, 34.1848, 42.6801



24.8617, 20.9302, 17.4823

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.



36.1876, 34.1848, 26.5357



27.5945, 34.1848, 42.6801



38.1783, 34.1848, 40.1808

Square

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



27.5945, 34.1848, 42.6801



34.3456, 34.1848, 54.0637



37.9364, 34.1848, 32.2493



30.7056, 34.1848, 24.2999

Rectangle

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



27.5945, 34.1848, 42.6801



30.6028, 34.1848, 53.9208



37.9364, 34.1848, 32.2493



34.4566, 34.1848, 24.3839

Sweetspot

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



27.5955, 34.1862, 42.6809



61.2617, 67.6766, 77.0591



23.4875, 32.8390, 20.1356



13.1856, 14.6604, 16.7869



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.5955, 34.1862, 42.6809



46.6114, 59.6660, 76.2851



22.7554, 24.5060, 41.0675



7.7365, 8.5099, 9.6532



15.5236, 22.5074, 31.5017



0.3810, 0.5542, 0.7675

Inverse Universe

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



29.0069, 22.4149, 39.8449



49.5393, 35.3840, 70.3712



28.6263, 28.4594, 18.7372



7.8364, 7.6644, 9.4554



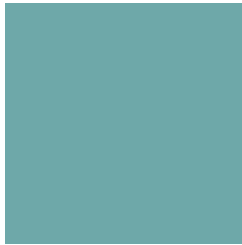
17.3362, 8.3432, 27.6457



0.4235, 0.2037, 0.6814

Previews

White Background



This preview shows how the XYZ color 27.5945, 34.1848, 42.6801 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 27.5945, 34.1848, 42.6801 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

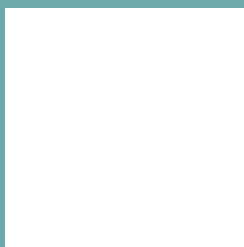
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5945, 34.1848, 42.6801

Background



This preview shows how black text looks on a background with the XYZ color 27.5945, 34.1848, 42.6801.

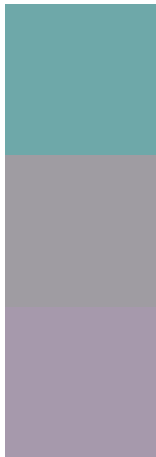


This preview shows how white text looks on a background with the XYZ color 27.5945, 34.1848,

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

27.5945, 34.1848, 42.6801

Protanopia

32.7081, 33.7565, 38.9742

Deuteranopia

34.5635, 33.8680, 43.7452



Tritanopia

28.6845, 34.0784, 48.2460

Trichromacy



Original Color

27.5945, 34.1848, 42.6801

Protanomaly

30.3468, 33.5209, 40.4680

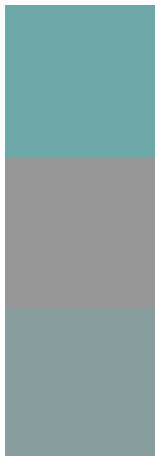
Deuteranomaly

31.4316, 33.5050, 43.3386

Tritanomaly

28.3373, 34.2168, 46.1853

Monochromacy



Original Color

27.5945, 34.1848, 42.6801

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.3819, 31.8168, 36.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5945, 34.1848, 42.6801 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, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(110, 168, 169)  
}
```

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, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 168, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.5945, 34.1848, 42.6801 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, 168, 169) }
```


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

```
.border{ border-color:rgb(110, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(110, 168,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5945, 34.1848, 42.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 168, 169) }
```

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

```
.background{ background-color: rgb(110,  
168, 169) }
```

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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