

Converting Colors

XYZ(27.2631, 31.9986, 31.4983)

Have a look what the booklet for
XYZ(27.2631, 31.9986, 31.4983)
contains.

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Color

**XYZ(27.3545, 32.1725,
31.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	85A091
RGB	133, 160, 145
RGB Percent	52%, 63%, 57%
CMY	0.4784, 0.3725, 0.4314
CMYK	0.17, 0.00, 0.09, 0.37
HSL	147°, 12%, 57%
HSV	147°, 17%, 63%
XYZ	27.3545, 32.1725, 31.5562
YIQ	150.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

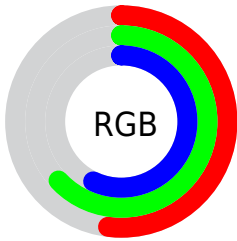
Format	Color
RYB	133, 152, 160
Decimal	8757393
CIELab	63.49, -12.49, 4.69
CIELCh	63, 13.343, 159.426
Yxy	32.1725, 0.3003, 0.3532
Android (android.graphics.Color)	4286947473 (0xFF85A091)
YUV	150.2170, -2.5720, -15.0993
Hunter-Lab	56.7208, -13.1770, 6.7190

Details

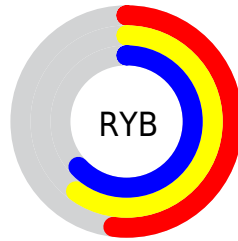
The XYZ color **27.3545, 32.1725, 31.5562** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2312, 26.3876, 31.6238**, and the grayscale version is **29.0963, 30.6116, 33.3360**.

A 20% lighter version of the original color is **54.8589, 63.1635, 63.3332**, and **10.9954, 13.3903, 12.8315** is the 20% darker color. If you saturate the color by 10%, you get **24.3595, 30.7056, 27.9770**, and if you desaturate by 10%, it is **30.7898, 33.8620, 35.4374**.

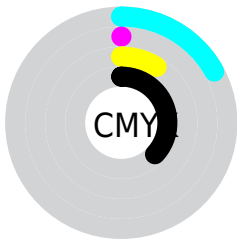
Distribution



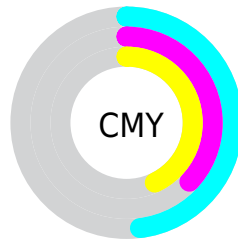
- Red (52%)
- Green (63%)
- Blue (57%)



- Red (52%)
- Yellow (60%)
- Blue (63%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (37%)



- Cyan (48%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3545, 32.1725, 31.5562 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 27.3545, 32.1725, 31.5562 by changing the saturation by 10% instead.

■ 27.3545, 32.1725,
31.5562

■ 27.3545, 32.1725,
31.5562

281.5058,
311.9043, 323.5228

■ 17.9776, 21.4933,
20.7607

■ 54.8681, 63.0814,
63.2045

■ 11.0335, 13.4851,
12.7597

■ 73.7355, 84.0799,
84.8944

■ 6.1568, 7.7634,
7.1345

■ 96.4971, 109.2870,
111.0529

■ 2.9822, 3.9439,
3.4666

123.5183,
139.0870, 142.0985

■ 1.1444, 1.6422,
1.3376

155.1644,
173.8643, 178.4498

■ 0.0618, 0.3858,
0.0923

191.8008,

■ 0.0000, 0.0000,

214.0034, 220.5252

0.0000

233.7928,
259.8886, 268.7434

■ 27.3545, 32.1725,
31.5562

■ 27.3545, 32.1725,
31.5562

■ 24.3595, 30.7056,
27.9770

■ 30.7898, 33.8620,
35.4374

■ 21.7835, 29.4477,
24.6904

■ 34.6801, 35.7789,
39.6255

■ 19.6075, 28.3901,
21.6895

■ 39.0428, 37.9328,
44.1279

■ 17.8098, 27.5217,
18.9667

■ 43.8935, 40.3317,
48.9511

■ 16.3667, 26.8305,
16.5135

■ 49.2471, 42.9831,
54.1015

■ 15.2514, 26.3030,
14.3212

■ 55.1178, 45.8943,
59.5851

■ 14.4332, 25.9233,
12.3807

■ 61.5194, 49.0722,
65.4080

■ 13.8661, 25.6679,
10.6816

■ 66.2215, 51.3669,
71.4710

■ 13.7122, 25.5991,
10.1975

■ 67.4032, 51.8396,
77.6939

Harmonies

Analogous

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



28.3656, 32.1725, 27.7060



27.3545, 32.1725, 31.5562



27.1881, 32.1725, 36.7331

Triad

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



27.3545, 32.1725, 31.5562



31.1679, 32.1725, 46.1252



33.4227, 32.1725, 28.9255

Complementary

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



27.3545, 32.1725, 31.5562



28.2312, 26.3876, 31.6238

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.



34.2408, 32.1725, 33.3811



27.3545, 32.1725, 31.5562



32.9046, 32.1725, 43.5437

Square

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



27.3545, 32.1725, 31.5562



29.3405, 32.1725, 45.5100



34.0474, 32.1725, 38.7506



31.8518, 32.1725, 26.2973

Rectangle

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



27.3545, 32.1725, 31.5562



27.5714, 32.1725, 40.3019



34.0474, 32.1725, 38.7506



33.7977, 32.1725, 30.2398

Sweetspot

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



27.3554, 32.1739, 31.5569



57.0983, 62.0693, 65.6532



29.0727, 33.1605, 27.0590



12.4249, 13.5647, 14.2919



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.3554, 32.1739, 31.5569



47.6692, 57.4355, 54.9529



28.4336, 32.6051, 37.2344



6.6671, 7.4476, 7.6815



10.7026, 19.9490, 8.0569



0.2123, 0.3651, 0.2545

Inverse Universe

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



28.2312, 26.3876, 31.6238



49.5435, 45.0503, 55.0952



27.2448, 25.9930, 26.4296



6.7795, 6.7047, 7.6902



12.7168, 6.3913, 8.0254



0.2485, 0.1227, 0.2547

Previews

White Background



This preview shows how the XYZ color 27.3545, 32.1725, 31.5562 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 27.3545, 32.1725, 31.5562 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

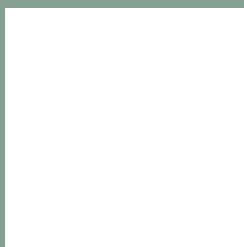
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3545, 32.1725, 31.5562

Background



This preview shows how black text looks on a background with the XYZ color 27.3545, 32.1725, 31.5562.



This preview shows how white text looks on a background with the XYZ color 27.3545, 32.1725,

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

27.3545, 32.1725, 31.5562

Protanopia

30.4970, 32.0765, 29.7833

Deuteranopia

32.4339, 31.8324, 32.0386



Tritanopia

29.3664, 31.9599, 42.1572

Trichromacy



Original Color

27.3545, 32.1725, 31.5562

Protanomaly

29.3486, 32.2140, 30.2623

Deuteranomaly

30.3212, 31.6999, 31.7147

Tritanomaly

28.5555, 31.8862, 37.9073

Monochromacy



Original Color

27.3545, 32.1725, 31.5562

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.4025, 31.1786, 32.5381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3545, 32.1725, 31.5562 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(133, 160, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 160, 145)  
}
```

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(133, 160, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 160, 145) }
```

Border

The CSS property to change the border of an element to XYZ 27.3545, 32.1725, 31.5562 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(133, 160, 145) }
```


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

```
.border{ border-color:rgb(133, 160, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 160, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 160, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 160, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 160,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3545, 32.1725, 31.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 160, 145) }
```

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

```
.background{ background-color: rgb(133,  
160, 145) }
```

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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