

Converting Colors

XYZ(27.2261, 30.9517, 32.6773)

Have a look what the booklet for
XYZ(27.2261, 30.9517, 32.6773)
contains.

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Color

**XYZ(27.2254, 31.0659,
32.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	879C94
RGB	135, 156, 148
RGB Percent	53%, 61%, 58%
CMY	0.4706, 0.3882, 0.4196
CMYK	0.13, 0.00, 0.05, 0.39
HSL	157°, 10%, 57%
HSV	157°, 13%, 61%
XYZ	27.2254, 31.0659, 32.5784
YIQ	148.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

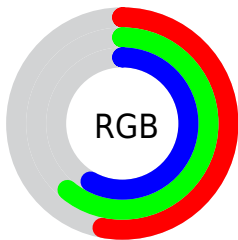
Format	Color
RYB	135, 148, 156
Decimal	8887444
CIELab	62.56, -9.04, 1.69
CIELCh	63, 9.194, 169.437
Yxy	31.0659, 0.2996, 0.3419
Android (android.graphics.Color)	4287077524 (0xFF879C94)
YUV	148.8090, -0.3988, -12.1105
Hunter-Lab	55.7368, -10.3486, 4.3605

Details

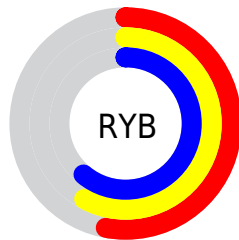
The XYZ color **27.2254, 31.0659, 32.5784** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3332, 26.3798, 29.6391**, and the grayscale version is **28.4921, 29.9759, 32.6437**.

A 20% lighter version of the original color is **54.6940, 61.5442, 64.8736**, and **10.9556, 12.8975, 13.2213** is the 20% darker color. If you saturate the color by 10%, you get **24.4387, 29.6831, 30.0551**, and if you desaturate by 10%, it is **30.4058, 32.6506, 35.2475**.

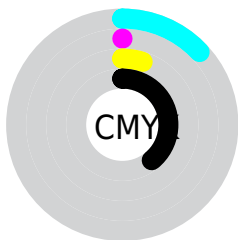
Distribution



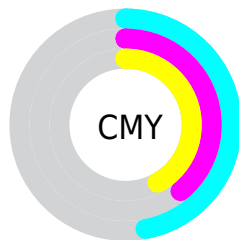
- Red (53%)
- Green (61%)
- Blue (58%)



- Red (53%)
- Yellow (58%)
- Blue (61%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (39%)



- Cyan (47%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2254, 31.0659, 32.5784 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 27.2254, 31.0659, 32.5784 by changing the saturation by 10% instead.

■ 27.2254, 31.0659,
32.5784

■ 27.2254, 31.0659,
32.5784

280.8945,
306.8418, 328.3192

■ 17.8800, 20.6490,
21.5352

■ 54.6627, 61.3438,
64.8252

■ 10.9631, 12.8677,
13.3207

■ 73.4853, 81.9736,
86.8658

■ 6.1091, 7.3375,
7.5165

■ 96.1978, 106.7766,
113.4093

■ 2.9528, 3.6741,
3.7038

123.1654,
136.1370, 144.8743

■ 1.1289, 1.4930,
1.4643

154.7535,
170.4394, 181.6792

■ 0.0491, 0.2838,
0.1911

191.3275,

■ 0.0000, 0.0000,

210.0680, 224.2426

0.0000

233.2527,
255.4074, 272.9831

■ 27.2254, 31.0659,
32.5784

■ 27.2254, 31.0659,
32.5784

■ 24.4387, 29.6831,
30.0551

■ 30.4058, 32.6506,
35.2475

■ 22.0268, 28.4900,
27.6730

■ 33.9927, 34.4411,
38.0630

■ 19.9732, 27.4788,
25.4301

■ 38.0013, 36.4461,
41.0280

■ 18.2588, 26.6399,
23.3234

■ 42.4455, 38.6728,
44.1449

■ 16.8631, 25.9626,
21.3500

■ 47.3383, 41.1278,
47.4161

■ 15.7630, 25.4351,
19.5067

■ 52.6922, 43.8175,
50.8438

■ 14.9320, 25.0439,
17.7903

■ 58.5194, 46.7482,
54.4302

■ 14.3388, 24.7727,
16.1970

■ 63.0420, 49.0032,
58.0938

■ 14.0264, 24.6330,
15.2184

■ 63.7301, 49.2785,
61.7177

Harmonies

Analogous

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



27.7375, 31.0659, 29.5411



27.2254, 31.0659, 32.5784



27.3167, 31.0659, 36.1698

Triad

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



27.2254, 31.0659, 32.5784



30.3348, 31.0659, 40.7456



31.1190, 31.0659, 28.8579

Complementary

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



27.2254, 31.0659, 32.5784



27.3332, 26.3798, 29.6391

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.



31.8538, 31.0659, 31.5848



27.2254, 31.0659, 32.5784



31.3923, 31.0659, 38.5053

Square

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



27.2254, 31.0659, 32.5784



29.0885, 31.0659, 41.0587



31.9552, 31.0659, 35.1040



29.9703, 31.0659, 27.4959

Rectangle

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



27.2254, 31.0659, 32.5784



27.7084, 31.0659, 38.3923



31.9552, 31.0659, 35.1040



31.4240, 31.0659, 29.6360

Sweetspot

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



27.2263, 31.0672, 32.5791



54.8460, 59.1120, 63.7102



27.5990, 31.3716, 27.5228



11.9735, 12.9598, 13.9415



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.2263, 31.0672, 32.5791



47.9321, 55.6706, 57.8354



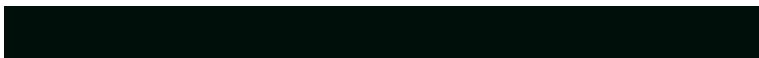
27.4749, 30.5153, 35.8960



6.7146, 7.4666, 7.9317



11.5702, 20.2960, 12.6255



0.2270, 0.3709, 0.3316

Inverse Universe

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



27.3332, 26.3798, 29.6391



48.1632, 45.5515, 51.4893



27.0942, 26.8375, 26.6742



6.7324, 6.6859, 7.4420



11.9686, 6.0920, 4.0856



0.2339, 0.1169, 0.1776

Previews

White Background



This preview shows how the XYZ color 27.2254, 31.0659, 32.5784 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 27.2254, 31.0659, 32.5784 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

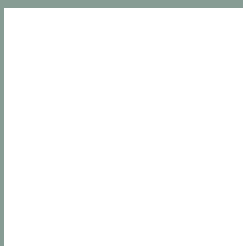
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2254, 31.0659, 32.5784

Background



This preview shows how black text looks on a background with the XYZ color 27.2254, 31.0659, 32.5784.



This preview shows how white text looks on a background with the XYZ color 27.2254, 31.0659,

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

27.2254, 31.0659, 32.5784

Protanopia

29.5347, 30.8256, 31.1813

Deuteranopia

31.5098, 30.8668, 33.1513



Tritanopia

28.7554, 30.9389, 40.5326

Trichromacy



Original Color

27.2254, 31.0659, 32.5784

Protanomaly

28.6293, 30.8277, 31.6355

Deuteranomaly

29.8487, 30.9512, 32.8347

Tritanomaly

28.1301, 30.9328, 37.2889

Monochromacy



Original Color

27.2254, 31.0659, 32.5784

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1547, 30.5557, 32.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2254, 31.0659, 32.5784 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(135, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(135, 156, 148)  
}
```

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(135, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.2254, 31.0659, 32.5784 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(135, 156, 148) }
```


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

```
.border{ border-color:rgb(135, 156, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 156, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(135, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2254, 31.0659, 32.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 156, 148) }
```

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

```
.background{ background-color: rgb(135,  
156, 148) }
```

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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