

Converting Colors

XYZ(27.8556, 30.4856, 40.0135)

Have a look what the booklet for
XYZ(27.8556, 30.4856, 40.0135)
contains.

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Color

**XYZ(27.8556, 30.4856,
40.0135)**

Conversions

Conversions Part 1

Format	Color
Hex	8599A5
RGB	133, 153, 165
RGB Percent	52%, 60%, 65%
CMY	0.4784, 0.4000, 0.3529
CMYK	0.19, 0.07, 0.00, 0.35
HSL	202°, 15%, 58%
HSV	202°, 19%, 65%
XYZ	27.8556, 30.4856, 40.0135
YIQ	148.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

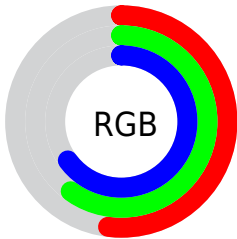
Format	Color
RYB	133, 145, 165
Decimal	8755621
CIELab	62.07, -4.39, -8.65
CIElCh	62, 9.702, 243.077
Yxy	30.4856, 0.2832, 0.3100
Android (android.graphics.Color)	4286945701 (0xFF8599A5)
YUV	148.3880, 8.1897, -13.4953
Hunter-Lab	55.2138, -6.5700, -4.3179

Details

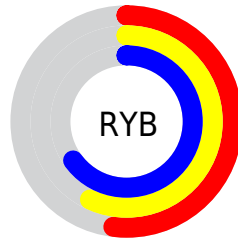
The XYZ color **27.8556, 30.4856, 40.0135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8763, 29.9436, 26.3959**, and the grayscale version is **28.2826, 29.7555, 32.4037**.

A 20% lighter version of the original color is **55.4808, 60.2321, 76.4119**, and **11.2993, 12.5340, 17.4466** is the 20% darker color. If you saturate the color by 10%, you get **24.4662, 27.2746, 39.5728**, and if you desaturate by 10%, it is **31.7086, 34.0151, 40.4922**.

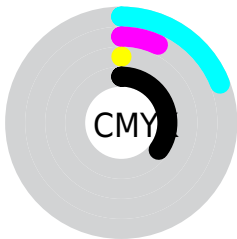
Distribution



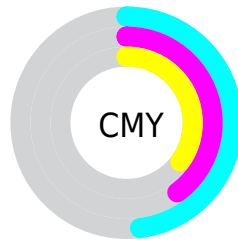
- Red (52%)
- Green (60%)
- Blue (65%)



- Red (52%)
- Yellow (57%)
- Blue (65%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (48%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8556, 30.4856, 40.0135 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 27.8556, 30.4856, 40.0135 by changing the saturation by 10% instead.

■ 27.8556, 30.4856,
40.0135

■ 27.8556, 30.4856,
40.0135

283.8689,
304.1614, 361.7343

■ 18.3567, 20.2075,
27.2352

■ 55.6641, 60.4293,
76.4214

■ 11.3076, 12.5459,
17.5159

■ 74.7044, 80.8636,
100.8881

■ 6.3430, 7.1166,
10.4372

■ 97.6559, 105.4521,
130.0879

■ 3.0974, 3.5351,
5.5804

124.8840,
134.5793, 164.4395

■ 1.2055, 1.4171,
2.5270

156.7540,
168.6293, 204.3614

■ 0.1107, 0.2293,
0.8544

193.6312,

■ 0.0000, 0.0000,

207.9868, 250.2722

0.0000

235.8811,
253.0360, 302.5903

■ 27.8556, 30.4856,
40.0135

■ 27.8556, 30.4856,
40.0135

■ 24.4662, 27.2746,
39.5728

■ 31.7086, 34.0151,
40.4922

■ 21.5177, 24.3669,
39.1670

■ 36.0410, 37.8701,
41.0079

■ 18.9898, 21.7516,
38.7954

■ 40.8712, 42.0619,
41.5624

■ 16.8592, 19.4155,
38.4568

■ 46.2159, 46.6002,
42.1567

■ 15.1001, 17.3440,
38.1497

■ 52.0908, 51.4942,
42.7917

■ 13.6834, 15.5208,
37.8725

■ 58.5111, 56.7528,
43.4684

■ 12.5752, 13.9272,
37.6233

■ 65.4911, 62.3844,
44.1875

■ 11.7054, 12.5256,
37.3986

■ 69.2686, 66.4506,
44.7732

■ 11.6554, 12.4442,
37.3855

■ 70.7542, 69.4217,
45.2684

Harmonies

Analogous

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



26.9259, 30.4856, 37.2671



27.8556, 30.4856, 40.0135



29.1104, 30.4856, 40.8892

Triad

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



27.8556, 30.4856, 40.0135



31.5510, 30.4856, 32.8098



27.6292, 30.4856, 27.5351

Complementary

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



27.8556, 30.4856, 40.0135



29.8763, 29.9436, 26.3959

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.



28.8413, 30.4856, 26.5298



27.8556, 30.4856, 40.0135



31.1269, 30.4856, 29.4284

Square

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



27.8556, 30.4856, 40.0135



31.2682, 30.4856, 36.5508



30.1253, 30.4856, 27.1964



26.7980, 30.4856, 30.0486

Rectangle

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



27.8556, 30.4856, 40.0135



29.9692, 30.4856, 40.2445



30.1253, 30.4856, 27.1964



28.0043, 30.4856, 27.0185

Sweetspot

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



27.8565, 30.4869, 40.0142



59.2384, 63.1193, 72.8134



28.2188, 33.9335, 31.7435



12.8503, 13.7093, 15.9064



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.8565, 30.4869, 40.0142



47.3452, 52.2149, 71.3355



25.4486, 25.6710, 39.2115



7.0519, 7.5627, 8.9912



8.8664, 9.5122, 28.2985



0.2294, 0.2862, 0.6090

Inverse Universe

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



29.6551, 27.0750, 33.8014



51.1661, 45.1859, 58.0875



32.4495, 35.0900, 27.2536



7.2512, 7.1569, 8.3090



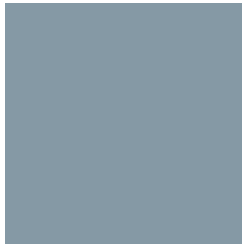
13.6208, 6.8044, 10.4597



0.3080, 0.1517, 0.3345

Previews

White Background



This preview shows how the XYZ color 27.8556, 30.4856, 40.0135 looks on a white background.

Color Contrast Check

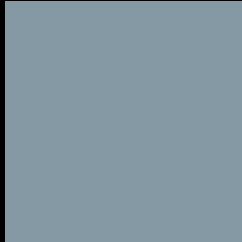
Large Text (above 18pt) WCAG AA × Fail

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 27.8556, 30.4856, 40.0135 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

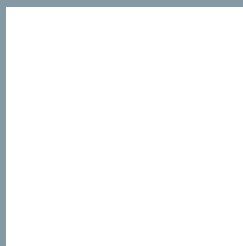
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8556, 30.4856, 40.0135

Background



This preview shows how black text looks on a background with the XYZ color 27.8556, 30.4856, 40.0135.

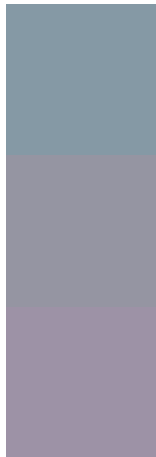


This preview shows how white text looks on a background with the XYZ color 27.8556, 30.4856,

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

27.8556, 30.4856, 40.0135

Protanopia

29.6635, 30.4931, 38.5047

Deuteranopia

31.0664, 30.4790, 40.3221



Tritanopia

27.8556, 30.4856, 40.0135

Trichromacy



Original Color

27.8556, 30.4856, 40.0135

Protanomaly

28.8449, 30.2967, 38.9779

Deuteranomaly

29.8431, 30.5440, 40.3991

Tritanomaly

27.8556, 30.4856, 40.0135

Monochromacy



Original Color

27.8556, 30.4856, 40.0135

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0668, 29.9854, 34.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8556, 30.4856, 40.0135 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, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 165)  
}
```

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, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 27.8556, 30.4856, 40.0135 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, 153, 165) }
```


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

```
.border{ border-color:rgb(133, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8556, 30.4856, 40.0135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 165) }
```

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

```
.background{ background-color: rgb(133,  
153, 165) }
```

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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