

Converting Colors

XYZ(27.6368, 35.1160, 25.5416)

Have a look what the booklet for
XYZ(27.6368, 35.1160, 25.5416)
contains.

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Color

**XYZ(27.5656, 35.1071,
25.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	83AA7F
RGB	131, 170, 127
RGB Percent	51%, 67%, 50%
CMY	0.4863, 0.3333, 0.5020
CMYK	0.23, 0.00, 0.25, 0.33
HSL	114°, 20%, 58%
HSV	114°, 25%, 67%
XYZ	27.5656, 35.1071, 25.4022
YIQ	153.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

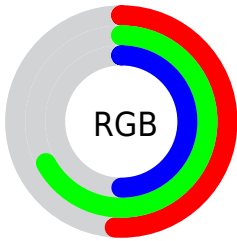
Format	Color
RYB	127, 170, 166
Decimal	8628863
CIELab	65.83, -21.76, 17.97
CIELCh	66, 28.220, 140.453
Yxy	35.1071, 0.3130, 0.3986
Android (android.graphics.Color)	4286818943 (0xFF83AA7F)
YUV	153.4370, -13.0334, -19.6772
Hunter-Lab	59.2512, -20.6457, 16.0571

Details

The XYZ color **27.5656, 35.1071, 25.4022** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.5725, 26.1891, 41.4758**, and the grayscale version is **30.5276, 32.1174, 34.9759**.

A 20% lighter version of the original color is **55.1710, 67.4600, 53.2933**, and **11.1618, 15.2124, 9.5557** is the 20% darker color. If you saturate the color by 10%, you get **24.3369, 33.5611, 19.9475**, and if you desaturate by 10%, it is **31.3385, 36.9141, 31.8598**.

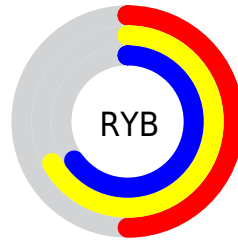
Distribution



Red (51%)

Green (67%)

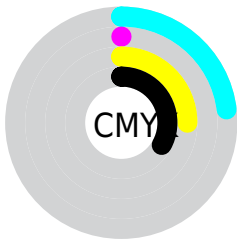
Blue (50%)



Red (50%)

Yellow (67%)

Blue (65%)

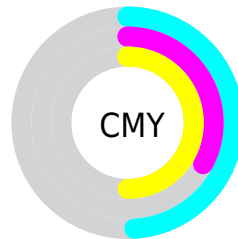


Cyan (23%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5656, 35.1071, 25.4022 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 27.5656, 35.1071, 25.4022 by changing the saturation by 10% instead.

■ 27.5656, 35.1071,
25.4022

■ 27.5656, 35.1071,
25.4022

282.5032,
325.0408, 293.3466

■ 18.1372, 23.7454,
16.1552

■ 55.2037, 67.6516,
53.2811

■ 11.1488, 15.1449,
9.4785

■ 74.1441, 89.6033,
72.7502

■ 6.2351, 8.9211,
4.9535

■ 96.9859, 115.8537,
96.4637

■ 3.0306, 4.6898,
2.1618

124.0944,
146.7872, 124.8401

■ 1.1699, 2.0664,
0.6522

155.8351,
182.7883, 158.2981

■ 0.0824, 0.6456,
0.0000

192.5732,

■ 0.0000, 0.0000,

224.2413, 197.2562

0.0000

234.6741,
271.5307, 242.1328

■ 27.5656, 35.1071,
25.4022

■ 27.5656, 35.1071,
25.4022

■ 24.3369, 33.5611,
19.9475

■ 31.3385, 36.9141,
31.8598

■ 21.6248, 32.2598,
15.4432

■ 35.6764, 38.9888,
39.3646

■ 19.4030, 31.1920,
11.8356

■ 40.6021, 41.3429,
47.9610

■ 17.6421, 30.3437,
9.0648

■ 46.1365, 43.9864,
57.6902

■ 16.3095, 29.6997,
7.0635

■ 52.2994, 46.9286,
68.5914

■ 15.3682, 29.2424,
5.7540

■ 59.1098, 50.1785,
80.7016

■ 14.7741, 28.9513,
5.0392

■ 66.5858, 53.7446,
94.0566

■ 14.5859, 28.8594,
4.8017

■ 73.4288, 57.1089,
101.7607

■ 73.6654, 57.2309,
101.7718

Harmonies

Analogous

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



30.6471, 35.1071, 20.5104



27.5656, 35.1071, 25.4022



26.0769, 35.1071, 34.5462

Triad

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



27.5656, 35.1071, 25.4022



32.0575, 35.1071, 65.6003



41.4490, 35.1071, 30.7576

Complementary

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



27.5656, 35.1071, 25.4022



30.5725, 26.1891, 41.4758

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.



41.9059, 35.1071, 42.1575



27.5656, 35.1071, 25.4022



36.2459, 35.1071, 63.9962

Square

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



27.5656, 35.1071, 25.4022



28.5242, 35.1071, 58.7809



39.9329, 35.1071, 54.7690



38.7319, 35.1071, 23.1263

Rectangle

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



27.5656, 35.1071, 25.4022



26.0955, 35.1071, 42.5401



39.9329, 35.1071, 54.7690



41.8803, 35.1071, 34.2133

Sweetspot

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



27.5665, 35.1086, 25.4030



62.3777, 69.6139, 67.3401



33.9917, 37.2436, 25.4764



13.6464, 15.3979, 14.5596



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5665, 35.1086, 25.4030



46.8185, 62.1669, 40.6722



28.1776, 35.2829, 31.7919



7.4991, 8.4399, 8.0231



10.7515, 21.2399, 3.5330



0.2810, 0.5268, 0.0869

Inverse Universe

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



30.5725, 26.1891, 41.4758



53.1539, 43.3541, 74.5686



29.9015, 26.0191, 33.4979



7.7721, 7.6306, 9.4816



15.1921, 7.2152, 28.5675



0.3888, 0.1854, 0.6959

Previews

White Background



This preview shows how the XYZ color 27.5656, 35.1071, 25.4022 looks on a white background.

Color Contrast Check

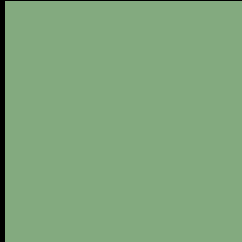
Large Text (above 18pt) WCAG AA × Fail

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 27.5656, 35.1071, 25.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

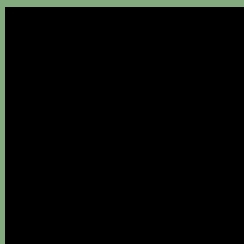
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5656, 35.1071, 25.4022

Background



This preview shows how black text looks on a background with the XYZ color 27.5656, 35.1071, 25.4022.



This preview shows how white text looks on a background with the XYZ color 27.5656, 35.1071,

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

27.5656, 35.1071, 25.4022

Protanopia

32.4886, 34.7475, 23.4070

Deuteranopia

35.4956, 34.7354, 26.3065



Tritanopia

31.6805, 34.8577, 46.6534

Trichromacy



Original Color

27.5656, 35.1071, 25.4022

Protanomaly

30.4456, 34.7175, 24.1653

Deuteranomaly

31.9445, 34.4073, 26.0767

Tritanomaly

30.0476, 35.0099, 37.9748

Monochromacy



Original Color

27.5656, 35.1071, 25.4022

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1092, 32.8296, 31.1881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5656, 35.1071, 25.4022 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(131, 170, 127)` looks like.

```
.text, #text, p{  
    color:rgb(131, 170, 127)  
}
```

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(131, 170, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 170, 127) }
```

Border

The CSS property to change the border of an element to XYZ 27.5656, 35.1071, 25.4022 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(131, 170, 127) }
```


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

```
.border{ border-color:rgb(131, 170, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 170, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 170, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 170, 127);  
box-shadow:4px 4px 4px 4px rgb(131, 170,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5656, 35.1071, 25.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 170, 127) }
```

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

```
.background{ background-color: rgb(131,  
170, 127) }
```

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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