

Converting Colors

XYZ(27.5623, 35.3755, 25.7062)

Have a look what the booklet for
XYZ(27.5623, 35.3755, 25.7062)
contains.

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Color

**XYZ(27.5125, 35.3515,
25.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	81AB80
RGB	129, 171, 128
RGB Percent	51%, 67%, 50%
CMY	0.4941, 0.3294, 0.4980
CMYK	0.25, 0.00, 0.25, 0.33
HSL	119°, 20%, 59%
HSV	119°, 25%, 67%
XYZ	27.5125, 35.3515, 25.7955
YIQ	153.5400, -11.2290, -22.2770

Conversions

Conversions Part 2

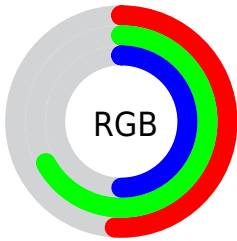
Format	Color
RYB	128, 171, 170
Decimal	8498048
CIELab	66.02, -22.79, 17.66
CIELCh	66, 28.833, 142.224
Yxy	35.3515, 0.3103, 0.3987
Android (android.graphics.Color)	4286688128 (0xFF81AB80)
YUV	153.5400, -12.5912, -21.5216
Hunter-Lab	59.4571, -21.4530, 15.8970

Details

The XYZ color **27.5125, 35.3515, 25.7955** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.6488, 26.9256, 42.0590**, and the grayscale version is **30.5714, 32.1635, 35.0260**.

A 20% lighter version of the original color is **55.3380, 68.3416, 53.9907**, and **11.1500, 15.3779, 9.7777** is the 20% darker color. If you saturate the color by 10%, you get **24.1475, 33.7371, 20.2496**, and if you desaturate by 10%, it is **31.4838, 37.2586, 32.3615**.

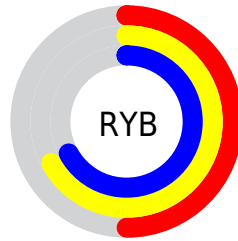
Distribution



Red (51%)

Green (67%)

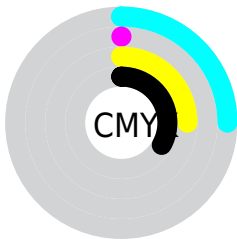
Blue (50%)



Red (50%)

Yellow (67%)

Blue (67%)

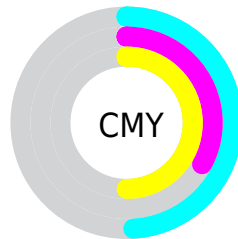


Cyan (25%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5125, 35.3515, 25.7955 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 27.5125, 35.3515, 25.7955 by changing the saturation by 10% instead.


 27.5125, 35.3515,
25.7955


 27.5125, 35.3515,
25.7955


282.2526,
326.1171, 295.3502


 18.0971, 23.9338,
16.4463


 55.1193, 68.0299,
53.9249

 11.1198, 15.2845,
9.6828


 74.0413, 90.0594,
73.5422

 6.2154, 9.0193,
5.0863


 96.8630, 116.3950,
97.4192

 3.0184, 4.7538,
2.2384

123.9496,
147.4210, 125.9746

 1.1635, 2.1035,
0.6964

155.6665,
183.5218, 159.6269

 0.0772, 0.6666,
0.0000

192.3791,

 0.0000, 0.0000,

225.0818, 198.7945

0.0000

234.4526,
272.4854, 243.8961

■ 27.5125, 35.3515,
25.7955

■ 27.5125, 35.3515,
25.7955

■ 24.1475, 33.7371,
20.2496

■ 31.4838, 37.2586,
32.3615

■ 21.3565, 32.3967,
15.6704

■ 36.0863, 39.4671,
39.9927

■ 19.1081, 31.3165,
12.0034

■ 41.3467, 41.9909,
48.7343

■ 17.3672, 30.4795,
9.1875

■ 47.2896, 44.8418,
58.6282

■ 16.0943, 29.8670,
7.1543

■ 53.9380, 48.0307,
69.7143

■ 15.2440, 29.4572,
5.8248

■ 61.3143, 51.5683,
82.0302

■ 14.7618, 29.2242,
5.1011

■ 69.4393, 55.4647,
95.6123

■ 14.6134, 29.1529,
4.8569

■ 73.8536, 57.6072,
101.8345

Harmonies

Analogous

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



30.5861, 35.3515, 20.5515



27.5125, 35.3515, 25.7955



26.0957, 35.3515, 35.3932

Triad

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



27.5125, 35.3515, 25.7955



32.5004, 35.3515, 66.8493



41.7998, 35.3515, 30.2558

Complementary

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



27.5125, 35.3515, 25.7955



31.6488, 26.9256, 42.0590

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.



42.4218, 35.3515, 41.7661



27.5125, 35.3515, 25.7955



36.8068, 35.3515, 64.6594

Square

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



27.5125, 35.3515, 25.7955



28.8120, 35.3515, 60.2614



40.5263, 35.3515, 54.7908



38.8923, 35.3515, 22.7202

Rectangle

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



27.5125, 35.3515, 25.7955



26.1894, 35.3515, 43.6951



40.5263, 35.3515, 54.7908



42.2925, 35.3515, 33.7188

Sweetspot

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



27.5134, 35.3530, 25.7963



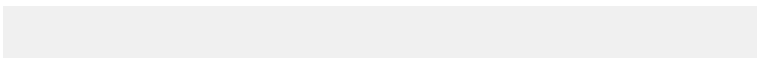
62.0359, 69.4376, 67.3241



34.9861, 38.8055, 26.0688



13.5581, 15.3523, 14.5555



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.



27.5134, 35.3530, 25.7963



45.8965, 61.6916, 40.6291



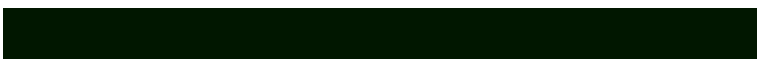
28.8167, 35.8569, 33.4480



7.9211, 8.9479, 8.5230



11.0221, 21.9792, 3.6615



0.3121, 0.6143, 0.1021

Inverse Universe

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



31.6488, 26.9256, 42.0590



54.5421, 44.0698, 74.6335



30.0955, 26.3294, 32.7468



8.3184, 8.1384, 10.0851



17.5654, 8.4152, 29.7430



0.4943, 0.2370, 0.8277

Previews

White Background



This preview shows how the XYZ color 27.5125, 35.3515, 25.7955 looks on a white background.

Color Contrast Check

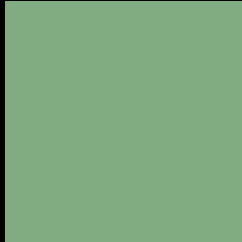
Large Text (above 18pt) WCAG AA × Fail

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 27.5125, 35.3515, 25.7955 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 27.5125, 35.3515, 25.7955

Background



This preview shows how black text looks on a background with the XYZ color 27.5125, 35.3515, 25.7955.



This preview shows how white text looks on a background with the XYZ color 27.5125, 35.3515,

25.7955.

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

27.5125, 35.3515, 25.7955

Protanopia

32.9405, 35.2296, 23.8027

Deuteranopia

35.7280, 35.0914, 26.7200



Tritanopia

31.7926, 35.1685, 47.2320

Trichromacy



Original Color

27.5125, 35.3515, 25.7955

Protanomaly

30.6874, 35.0995, 24.5595

Deuteranomaly

32.1846, 34.7796, 26.4896

Tritanomaly

30.1556, 35.3264, 38.4870

Monochromacy



Original Color

27.5125, 35.3515, 25.7955

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.3587, 33.2057, 31.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5125, 35.3515, 25.7955 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(129, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 171, 128)  
}
```

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(129, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 171, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.5125, 35.3515, 25.7955 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(129, 171, 128) }
```


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

```
.border{ border-color:rgb(129, 171, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 171, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 171, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 171,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5125, 35.3515, 25.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 171, 128) }
```

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

```
.background{ background-color: rgb(129,  
171, 128) }
```

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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