

Converting Colors

XYZ(27.7520, 35.6704, 16.9777)

Have a look what the booklet for
XYZ(27.7520, 35.6704, 16.9777)
contains.

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Color

**XYZ(27.7520, 35.6704,
16.9777)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAB62
RGB	141, 171, 98
RGB Percent	55%, 67%, 38%
CMY	0.4471, 0.3294, 0.6157
CMYK	0.18, 0.00, 0.43, 0.33
HSL	85°, 30%, 53%
HSV	85°, 43%, 67%
XYZ	27.7520, 35.6704, 16.9777
YIQ	153.7080, 5.5530, -29.0630

Conversions

Conversions Part 2

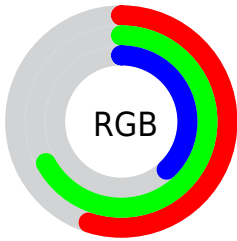
Format	Color
R_{YB}	98, 171, 128
Decimal	9284450
CIE Lab	66.27, -22.89, 34.19
CIE LCh	66, 41.149, 123.803
Yxy	35.6704, 0.3452, 0.4437
Android (android.graphics.Color)	4287474530 (0xFF8DAB62)
YUV	153.7080, -27.4640, -11.1449
Hunter-Lab	59.7247, -21.5755, 24.9532

Details

The XYZ color **27.7520, 35.6704, 16.9777** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.6220, 16.2659, 40.5829**, and the grayscale version is **30.7028, 32.3017, 35.1765**.

A 20% lighter version of the original color is **55.4663, 68.3305, 39.1199**, and **11.2710, 15.5392, 5.3111** is the 20% darker color. If you saturate the color by 10%, you get **25.8722, 34.7860, 13.1160**, and if you desaturate by 10%, it is **29.8820, 36.6661, 21.7529**.

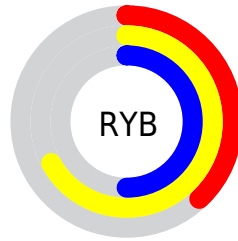
Distribution



Red (55%)

Green (67%)

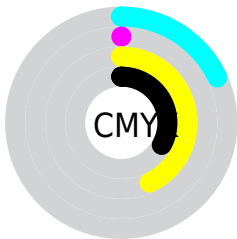
Blue (38%)



Red (38%)

Yellow (67%)

Blue (50%)

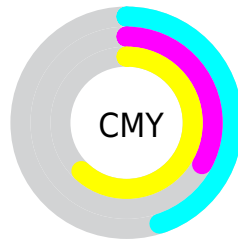


Cyan (18%)

Magenta (0%)

Yellow (43%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7520, 35.6704, 16.9777 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 27.7520, 35.6704, 16.9777 by changing the saturation by 10% instead.

■ 27.7520, 35.6704,
16.9777

■ 27.7520, 35.6704,
16.9777

283.3816,
327.5176, 247.0834

■ 18.2783, 24.1797,
10.0568

■ 55.4997, 68.5230,
39.0776

■ 11.2509, 15.4670,
5.3305

■ 74.5043, 90.6538,
55.0936

■ 6.3044, 9.1478,
2.3804

■ 97.4167, 117.1001,
74.9784

■ 3.0734, 4.8377,
0.7757

■ 124.6022,
148.2462, 99.1506

■ 1.1927, 2.1524,
0.0000

156.4260,
184.4767, 128.0286

■ 0.1006, 0.6938,
0.0000

193.2536,

■ 0.0000, 0.0000,

226.1758, 162.0311

0.0000

235.4504,
273.7280, 201.5765

■ 27.7520, 35.6704,
16.9777

■ 27.7520, 35.6704,
16.9777

■ 25.8722, 34.7860,
13.1160

■ 29.8820, 36.6661,
21.7529

■ 24.2274, 34.0029,
10.1072

■ 32.2709, 37.7731,
27.4928

■ 22.8047, 33.3172,
7.8867


■ 34.9303, 38.9973,
34.2472


■ 21.5884, 32.7223,
6.3799


■ 37.8703, 40.3430,
42.0619


■ 20.5601, 32.2106,
5.4977


■ 41.1001, 41.8140,
50.9801

 19.8993, 31.8780,
5.1043

 44.6288, 43.4140,
61.0424

 48.4648, 45.1466,
72.2873

 52.6164, 47.0153,
84.7517

 57.0913, 49.0232,
98.4707

Harmonies

Analogous

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



33.1268, 35.6704, 13.9321



27.7520, 35.6704, 16.9777



24.3776, 35.6704, 25.7462

Triad

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



27.7520, 35.6704, 16.9777



28.9556, 35.6704, 77.7499



47.0968, 35.6704, 36.6397

Complementary

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



27.7520, 35.6704, 16.9777



20.6220, 16.2659, 40.5829

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.



45.6352, 35.6704, 55.7540



27.7520, 35.6704, 16.9777



34.6926, 35.6704, 83.2725

Square

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



27.7520, 35.6704, 16.9777



25.0113, 35.6704, 60.8434



40.9031, 35.6704, 74.2426



44.6874, 35.6704, 22.9051

Rectangle

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



27.7520, 35.6704, 16.9777



23.4714, 35.6704, 35.3033



40.9031, 35.6704, 74.2426



47.0433, 35.6704, 42.6032

Sweetspot

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



27.7529, 35.6720, 16.9785



62.2855, 69.7147, 60.6311



26.6158, 24.7715, 14.9344



13.6526, 15.4376, 12.9083



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.



27.7529, 35.6720, 16.9785



46.5832, 62.4149, 23.9774



22.6297, 33.0309, 16.7387



8.3395, 9.1636, 8.5426



15.0612, 24.0614, 3.8505



0.4791, 0.7004, 0.1099

Inverse Universe

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



20.6220, 16.2659, 40.5829



32.1598, 23.1299, 71.7714



26.9678, 19.5373, 40.8798



7.8790, 7.9119, 10.0646



7.5177, 3.2354, 29.2728



0.2722, 0.1225, 0.8173

Previews

White Background



This preview shows how the XYZ color 27.7520, 35.6704, 16.9777 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 27.7520, 35.6704, 16.9777 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 27.7520, 35.6704, 16.9777

Background



This preview shows how black text looks on a background with the XYZ color 27.7520, 35.6704, 16.9777.



This preview shows how white text looks on a background with the XYZ color 27.7520, 35.6704,

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

27.7520, 35.6704, 16.9777

Protanopia

32.6697, 35.5280, 15.7254

Deuteranopia

36.2020, 35.5398, 17.5222



Tritanopia

33.6071, 35.6112, 45.6598

Trichromacy



Original Color

27.7520, 35.6704, 16.9777

Protanomaly

30.6249, 35.5230, 16.0690

Deuteranomaly

32.5990, 35.1952, 17.3871

Tritanomaly

30.9343, 35.3128, 32.7894

Monochromacy



Original Color

27.7520, 35.6704, 16.9777

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.2683, 33.2524, 27.4300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7520, 35.6704, 16.9777 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(141, 171, 98)` looks like.

```
.text, #text, p{  
    color:rgb(141, 171, 98)  
}
```

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(141, 171, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 171, 98) }
```

Border

The CSS property to change the border of an element to XYZ 27.7520, 35.6704, 16.9777 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(141, 171, 98) }
```


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

```
.border{ border-color:rgb(141, 171, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 171, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 171, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 171, 98);  
box-shadow:4px 4px 4px 4px rgb(141, 171,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7520, 35.6704, 16.9777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 171, 98) }
```

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

```
.background{ background-color: rgb(141,  
171, 98) }
```

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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