

Converting Colors

XYZ(21.1667, 28.8062, 17.2148)

Have a look what the booklet for
XYZ(21.1667, 28.8062, 17.2148)
contains.

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Color

**XYZ(21.1054, 28.7480,
17.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9E67
RGB	110, 158, 103
RGB Percent	43%, 62%, 40%
CMY	0.5686, 0.3804, 0.5961
CMYK	0.30, 0.00, 0.35, 0.38
HSL	112°, 22%, 51%
HSV	112°, 35%, 62%
XYZ	21.1054, 28.7480, 17.2685
YIQ	137.3780, -10.9530, -27.2810

Conversions

Conversions Part 2

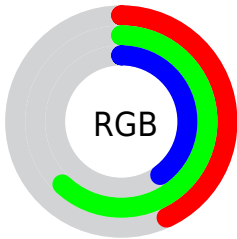
Format	Color
RYB	103, 158, 151
Decimal	7249511
CIELab	60.56, -27.22, 23.74
CIElCh	61, 36.116, 138.905
Yxy	28.7480, 0.3144, 0.4283
Android (android.graphics.Color)	4285439591 (0xFF6E9E67)
YUV	137.3780, -16.9484, -24.0105
Hunter-Lab	53.6172, -23.5668, 18.4365

Details

The XYZ color **21.1054, 28.7480, 17.2685** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7857, 18.7494, 34.7147**, and the grayscale version is **23.9868, 25.2359, 27.4819**.

A 20% lighter version of the original color is **44.8149, 57.7416, 39.7936**, and **7.7071, 11.5446, 5.4365** is the 20% darker color. If you saturate the color by 10%, you get **18.8020, 27.6445, 13.4050**, and if you desaturate by 10%, it is **23.8272, 30.0515, 21.9352**.

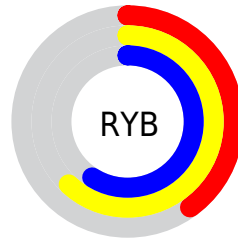
Distribution



Red (43%)

Green (62%)

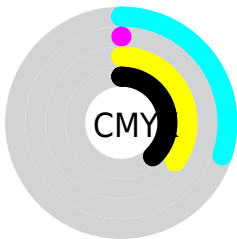
Blue (40%)



Red (40%)

Yellow (62%)

Blue (59%)

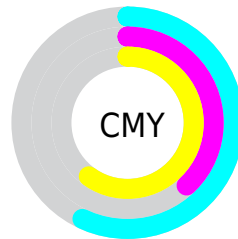


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1054, 28.7480, 17.2685 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 21.1054, 28.7480, 17.2685 by changing the saturation by 10% instead.

■ 21.1054, 28.7480,
17.2685

■ 21.1054, 28.7480,
17.2685

250.5592,
296.0241, 248.8111

■ 13.3140, 18.8903,
10.2621

■ 44.7528, 57.6765,
39.5838

■ 7.7236, 11.5910,
5.4652

■ 61.3396, 77.5160,
55.7298

■ 3.9689, 6.4658,
2.4593

■ 81.5887, 101.4516,
75.7595

■ 1.6846, 3.1304,
0.8185

■ 105.8658,
129.8676, 100.0913

■ 0.4466, 1.2002,
0.0000

134.5360,
163.1485, 129.1438

■ 0.0000, 0.0618,
0.0000

167.9647,

■ 0.0000, 0.0000,

201.6786, 163.3356

0.0000

206.5173,
245.8423, 203.0852

■ 21.1054, 28.7480,
17.2685

■ 21.1054, 28.7480,
17.2685

■ 18.8020, 27.6445,
13.4050

■ 23.8272, 30.0515,
21.9352

■ 16.8940, 26.7278,
10.2975

■ 26.9845, 31.5605,
27.4447

■ 15.3596, 25.9883,
7.8971


■ 30.5962, 33.2847,
33.8364


■ 14.1739, 25.4145,
6.1482


■ 34.6793, 35.2320,
41.1468


■ 13.3088, 24.9933,
4.9869


■ 39.2501, 37.4102,
49.4100


 12.7313, 24.7095,
4.3339

 44.3238, 39.8263,
58.6586

 12.5181, 24.6047,
4.0894

 49.9154, 42.4875,
68.9236

 56.0388, 45.4002,
80.2347

 62.7078, 48.5709,
92.6203

Harmonies

Analogous

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



24.5192, 28.7480, 12.7434



21.1054, 28.7480, 17.2685



19.4321, 28.7480, 26.6132

Triad

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



21.1054, 28.7480, 17.2685



25.6338, 28.7480, 63.8903



36.7206, 28.7480, 23.6932

Complementary

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



21.1054, 28.7480, 17.2685



23.7857, 18.7494, 34.7147

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.



37.1072, 28.7480, 36.5108



21.1054, 28.7480, 17.2685



30.3352, 28.7480, 62.4439

Square

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



21.1054, 28.7480, 17.2685



21.8412, 28.7480, 54.9318



34.6581, 28.7480, 51.4095



33.6554, 28.7480, 15.6568

Rectangle

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



21.1054, 28.7480, 17.2685



19.3847, 28.7480, 35.4498



34.6581, 28.7480, 51.4095



37.1802, 28.7480, 27.4905

Sweetspot

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



21.1061, 28.7492, 17.2691



51.9239, 58.7065, 54.9907



27.5631, 30.2759, 17.2235



11.5130, 13.1431, 12.0562



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.1061, 28.7492, 17.2691



34.9168, 50.5714, 25.6264



21.4069, 28.7729, 23.2199



6.6253, 7.4395, 7.0724



10.0451, 19.7152, 3.2760



0.1995, 0.3627, 0.0595

Inverse Universe

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



23.7857, 18.7494, 34.7147



40.5380, 29.5381, 62.3083



23.5272, 18.8005, 26.3714



6.8211, 6.7118, 8.3427



13.3463, 6.3093, 26.4216



0.2596, 0.1236, 0.4734

Previews

White Background



This preview shows how the XYZ color 21.1054, 28.7480, 17.2685 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1054, 28.7480, 17.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

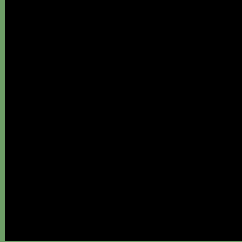
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.1054, 28.7480, 17.2685

Background



This preview shows how black text looks on a background with the XYZ color 21.1054, 28.7480, 17.2685.



This preview shows how white text looks on a background with the XYZ color 21.1054, 28.7480,

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

21.1054, 28.7480, 17.2685

Protanopia

26.4306, 28.4017, 15.6443

Deuteranopia

28.8997, 28.2974, 17.8487



Tritanopia

25.4232, 28.7706, 38.8637

Trichromacy



Original Color

21.1054, 28.7480, 17.2685

Protanomaly

24.1911, 28.3955, 16.2625

Deuteranomaly

25.2748, 27.9879, 17.7058

Tritanomaly

23.5658, 28.7473, 29.5060

Monochromacy



Original Color

21.1054, 28.7480, 17.2685

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.5795, 26.2435, 23.2775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1054, 28.7480, 17.2685 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(110, 158, 103)` looks like.

```
.text, #text, p{  
    color:rgb(110, 158, 103)  
}
```

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(110, 158, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 158, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.1054, 28.7480, 17.2685 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(110, 158, 103) }
```


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

```
.border{ border-color:rgb(110, 158, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 158, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 158, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 158, 103);  
box-shadow:4px 4px 4px 4px rgb(110, 158,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1054, 28.7480, 17.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 158, 103) }
```

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

```
.background{ background-color: rgb(110,  
158, 103) }
```

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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