

Converting Colors

XYZ(27.1797, 35.9089, 23.7102)

Have a look what the booklet for
XYZ(27.1797, 35.9089, 23.7102)
contains.

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Color

**XYZ(27.1472, 35.7796,
23.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAD79
RGB	127, 173, 121
RGB Percent	50%, 68%, 47%
CMY	0.5020, 0.3216, 0.5255
CMYK	0.27, 0.00, 0.30, 0.32
HSL	113°, 24%, 58%
HSV	113°, 30%, 68%
XYZ	27.1472, 35.7796, 23.5645
YIQ	153.3180, -10.7240, -25.9240

Conversions

Conversions Part 2

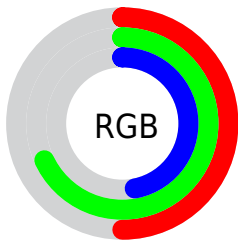
Format	Color
RYB	121, 173, 167
Decimal	8367481
CIELab	66.35, -25.68, 21.91
CIELCh	66, 33.756, 139.535
Yxy	35.7796, 0.3139, 0.4137
Android (android.graphics.Color)	4286557561 (0xFF7FAD79)
YUV	153.3180, -15.9328, -23.0809
Hunter-Lab	59.8161, -23.6668, 18.5140

Details

The XYZ color **27.1472, 35.7796, 23.5645** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.3179, 24.9083, 42.7468**, and the grayscale version is **30.4883, 32.0760, 34.9308**.

A 20% lighter version of the original color is **54.7153, 68.9184, 50.4632**, and **10.8667, 15.4373, 8.5379** is the 20% darker color. If you saturate the color by 10%, you get **24.0714, 34.3068, 18.3705**, and if you desaturate by 10%, it is **30.7614, 37.5101, 29.7784**.

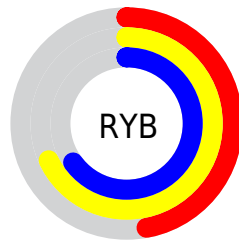
Distribution



Red (50%)

Green (68%)

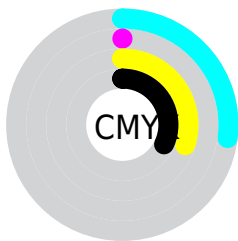
Blue (47%)



Red (47%)

Yellow (68%)

Blue (65%)

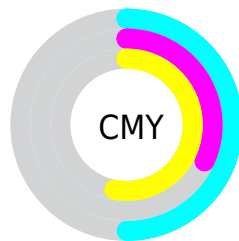


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (32%)



Cyan (50%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1472, 35.7796, 23.5645 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 27.1472, 35.7796, 23.5645 by changing the saturation by 10% instead.

■ 27.1472, 35.7796,
23.5645

■ 27.1472, 35.7796,
23.5645

280.5237,
327.9962, 283.8266

■ 17.8210, 24.2640,
14.8017

■ 54.5382, 68.6917,
50.2535

■ 10.9204, 15.5296,
8.5352

■ 73.3337, 90.8571,
69.0167

■ 6.0803, 9.1919,
4.3467

■ 96.0163, 117.3412,
91.9505

■ 2.9351, 4.8666,
1.8174

122.9514,
148.5284, 119.4734

■ 1.1195, 2.1692,
0.4394

154.5043,
184.8031, 152.0039

■ 0.0414, 0.7031,
0.0000

191.0404,

■ 0.0000, 0.0000,

226.5497, 189.9606

0.0000

232.9251,
274.1526, 233.7619

■ 27.1472, 35.7796,
23.5645

■ 27.1472, 35.7796,
23.5645

■ 24.0714, 34.3068,
18.3705

■ 30.7614, 37.5101,
29.7784

■ 21.5054, 33.0750,
14.1397

■ 34.9353, 39.5049,
37.0602

■ 19.4225, 32.0726,
10.8136


■ 39.6923, 41.7763,
45.4575


■ 17.7918, 31.2854,
8.3262


■ 45.0537, 44.3342,
55.0144

■ 16.5794, 30.6972,
6.6028


■ 51.0397, 47.1882,
65.7728

 15.7461, 30.2900,
5.5552

 57.6696, 50.3473,
77.7724

 15.2319, 30.0368,
4.9949

 64.9618, 53.8203,
91.0509

 72.2168, 57.3284,
101.8670

 74.2342, 58.3685,
101.9614

Harmonies

Analogous

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



30.8652, 35.7796, 18.2005



27.1472, 35.7796, 23.5645



25.3311, 35.7796, 34.1259

Triad

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



27.1472, 35.7796, 23.5645



32.2755, 35.7796, 73.1677



43.9950, 35.7796, 30.3857

Complementary

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



27.1472, 35.7796, 23.5645



30.3179, 24.9083, 42.7468

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.



44.4682, 35.7796, 44.2257



27.1472, 35.7796, 23.5645



37.3560, 35.7796, 71.4500

Square

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



27.1472, 35.7796, 23.5645



28.0916, 35.7796, 64.1520



41.9358, 35.7796, 59.9158



40.7005, 35.7796, 21.4113

Rectangle

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



27.1472, 35.7796, 23.5645



25.3087, 35.7796, 43.7445



41.9358, 35.7796, 59.9158



44.5009, 35.7796, 34.5339

Sweetspot

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



27.1481, 35.7811, 23.5653



63.2890, 71.0944, 67.6420



34.4928, 37.8794, 23.5832



13.5081, 15.3329, 14.2682



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.



27.1481, 35.7811, 23.5653



44.8929, 62.2946, 35.8899



27.6326, 35.8747, 30.6424



7.9871, 8.9820, 8.5261



11.2159, 22.0791, 3.6706



0.3385, 0.6279, 0.1034

Inverse Universe

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



30.3179, 24.9083, 42.7468



51.4718, 39.6931, 75.7544



29.8274, 24.8620, 33.3938



8.2447, 8.1005, 10.0817



15.2287, 7.2106, 29.6336



0.4488, 0.2136, 0.8256

Previews

White Background



This preview shows how the XYZ color 27.1472, 35.7796, 23.5645 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 27.1472, 35.7796, 23.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

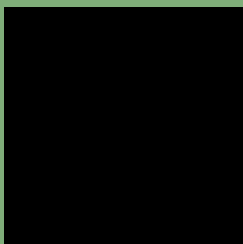
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

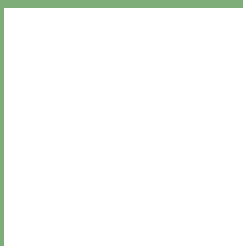
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1472, 35.7796, 23.5645

Background



This preview shows how black text looks on a background with the XYZ color 27.1472, 35.7796, 23.5645.



This preview shows how white text looks on a background with the XYZ color 27.1472, 35.7796,

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

27.1472, 35.7796, 23.5645

Protanopia

33.1308, 35.6349, 21.6550

Deuteranopia

35.9963, 35.2832, 24.3152



Tritanopia

32.0894, 35.8455, 47.8754

Trichromacy



Original Color

27.1472, 35.7796, 23.5645

Protanomaly

30.4354, 35.2862, 22.3463

Deuteranomaly

32.1088, 35.0520, 24.1422

Tritanomaly

30.0324, 35.8311, 37.6810

Monochromacy



Original Color

27.1472, 35.7796, 23.5645

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.8801, 32.9940, 30.0456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1472, 35.7796, 23.5645 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(127, 173, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 173, 121)  
}
```

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(127, 173, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 173, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.1472, 35.7796, 23.5645 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(127, 173, 121) }
```


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

```
.border{ border-color:rgb(127, 173, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 173, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 173, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 173, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 173,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1472, 35.7796, 23.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 173, 121) }
```

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

```
.background{ background-color: rgb(127,  
173, 121) }
```

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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