

Converting Colors

XYZ(27.2887, 36.7162, 23.7378)

Have a look what the booklet for
XYZ(27.2887, 36.7162, 23.7378)
contains.

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Color

**XYZ(27.2887, 36.7162,
23.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB079
RGB	124, 176, 121
RGB Percent	49%, 69%, 47%
CMY	0.5137, 0.3098, 0.5255
CMYK	0.30, 0.00, 0.31, 0.31
HSL	117°, 26%, 58%
HSV	117°, 31%, 69%
XYZ	27.2887, 36.7162, 23.7378
YIQ	154.1820, -13.3370, -28.1290

Conversions

Conversions Part 2

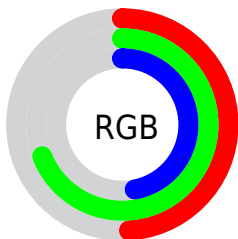
Format	Color
RYB	121, 176, 173
Decimal	8171641
CIELab	67.06, -28.18, 22.84
CIElCh	67, 36.276, 140.974
Yxy	36.7162, 0.3110, 0.4185
Android (android.graphics.Color)	4286361721 (0xFF7CB079)
YUV	154.1820, -16.3587, -26.4696
Hunter-Lab	60.5939, -25.6511, 19.1887

Details

The XYZ color **27.2887, 36.7162, 23.7378** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **31.9089, 25.6946, 44.3539**, and the grayscale version is **30.8697, 32.4773, 35.3678**.

A 20% lighter version of the original color is **54.8567, 70.2342, 50.7097**, and **11.0003, 16.0503, 8.6491** is the 20% darker color. If you saturate the color by 10%, you get **24.1012, 35.1876, 18.4594**, and if you desaturate by 10%, it is **31.0809, 38.5359, 30.0739**.

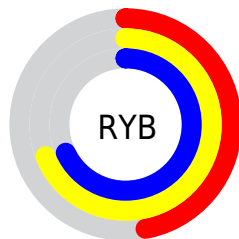
Distribution



Red (49%)

Green (69%)

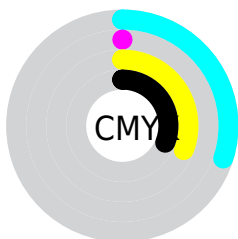
Blue (47%)



Red (47%)

Yellow (69%)

Blue (68%)

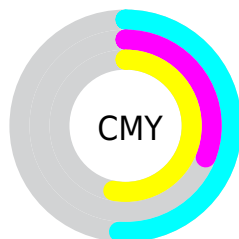


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2887, 36.7162, 23.7378 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 27.2887, 36.7162, 23.7378 by changing the saturation by 10% instead.

■ 27.2887, 36.7162,
23.7378

■ 27.2887, 36.7162,
23.7378

281.1944,
332.0802, 284.7359

■ 17.9279, 24.9878,
14.9288

■ 54.7634, 70.1361,
50.5404

■ 10.9976, 16.0680,
8.6234

■ 73.6080, 92.5964,
69.3712

■ 6.1325, 9.5723,
4.4029

■ 96.3446, 119.4028,
92.3796

■ 2.9672, 5.1163,
1.8489

123.3385,
150.9397, 119.9843

■ 1.1365, 2.3157,
0.4599

154.9550,
187.5915, 152.6037

■ 0.0553, 0.7820,
0.0000

191.5596,

■ 0.0000, 0.0000,

229.7426, 190.6564

0.0000

233.5176,
277.7773, 234.5610

■ 27.2887, 36.7162,
23.7378

■ 27.2887, 36.7162,
23.7378

■ 24.1012, 35.1876,
18.4594

■ 31.0809, 38.5359,
30.0739

■ 21.4845, 33.9307,
14.1790

■ 35.5037, 40.6558,
37.5185

■ 19.4057, 32.9309,
10.8345


■ 40.5852, 43.0902,
46.1218


■ 17.8273, 32.1704,
8.3559


■ 46.3506, 45.8513,
55.9304


■ 16.7070, 31.6292,
6.6633


■ 52.8242, 48.9505,
66.9881

 15.9956, 31.2838,
5.6623

 60.0289, 52.3988,
79.3368

 15.6462, 31.1140,
5.1810

 67.9863, 56.2064,
93.0162

 74.8160, 59.5321,
102.1553

Harmonies

Analogous

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



31.2367, 36.7162, 17.7918



27.2887, 36.7162, 23.7378



25.4349, 36.7162, 35.3989

Triad

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



27.2887, 36.7162, 23.7378



33.2599, 36.7162, 78.1119



45.7688, 36.7162, 30.0597

Complementary

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



27.2887, 36.7162, 23.7378



31.9089, 25.6946, 44.3539

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.



46.4570, 36.7162, 44.9353



27.2887, 36.7162, 23.7378



38.8340, 36.7162, 75.5816

Square

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



27.2887, 36.7162, 23.7378



28.6355, 36.7162, 68.5267



43.8038, 36.7162, 62.3194



42.0120, 36.7162, 20.7168

Rectangle

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



27.2887, 36.7162, 23.7378



25.4856, 36.7162, 46.0443



43.8038, 36.7162, 62.3194



46.3812, 36.7162, 34.4688

Sweetspot

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



27.2896, 36.7178, 23.7386



66.2175, 74.6089, 71.1320



36.1733, 40.2445, 23.9511



14.0793, 16.0391, 14.9573



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.2896, 36.7178, 23.7386



45.1030, 64.4847, 35.7751



28.5096, 37.1564, 32.3910



8.4304, 9.5115, 9.0441



11.4957, 22.8363, 3.8020



0.3758, 0.7258, 0.1203

Inverse Universe

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



31.9089, 25.6946, 44.3539



54.9007, 41.0840, 79.5317



30.4243, 25.1782, 33.0349



8.8034, 8.6227, 10.7067



17.3664, 8.2885, 30.8215



0.5602, 0.2679, 0.9704

Previews

White Background



This preview shows how the XYZ color 27.2887, 36.7162, 23.7378 looks on a white background.

Color Contrast Check

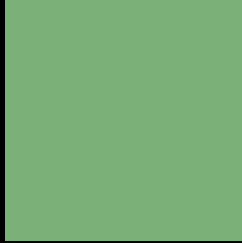
Large Text (above 18pt) WCAG AA × Fail

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 27.2887, 36.7162, 23.7378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

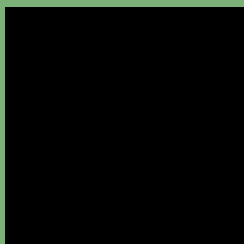
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.2887, 36.7162, 23.7378

Background



This preview shows how black text looks on a background with the XYZ color 27.2887, 36.7162, 23.7378.



This preview shows how white text looks on a background with the XYZ color 27.2887, 36.7162,

23.7378.

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

27.2887, 36.7162, 23.7378

Protanopia

33.6940, 36.1924, 21.4296

Deuteranopia

37.0760, 36.3340, 24.4611



Tritanopia

32.4378, 36.5336, 49.5980

Trichromacy



Original Color

27.2887, 36.7162, 23.7378

Protanomaly

30.7399, 35.9897, 22.1562

Deuteranomaly

32.6716, 35.8651, 24.2695

Tritanomaly

30.2681, 36.4892, 38.7055

Monochromacy



Original Color

27.2887, 36.7162, 23.7378

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.1305, 33.6333, 30.5477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2887, 36.7162, 23.7378 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(124, 176, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 176, 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(124, 176, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 176, 121) }
```

Border

The CSS property to change the border of an element to XYZ 27.2887, 36.7162, 23.7378 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(124, 176, 121) }
```


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

```
.border{ border-color:rgb(124, 176, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 176, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 176, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 176, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 176,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2887, 36.7162, 23.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 176, 121) }
```

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

```
.background{ background-color: rgb(124,  
176, 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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