

Converting Colors

XYZ(27.3045, 30.6645, 29.2597)

Have a look what the booklet for
XYZ(27.3045, 30.6645, 29.2597)
contains.

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Color

**XYZ(27.2737, 30.6674,
29.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9A8C
RGB	141, 154, 140
RGB Percent	55%, 60%, 55%
CMY	0.4471, 0.3961, 0.4510
CMYK	0.08, 0.00, 0.09, 0.40
HSL	116°, 6%, 58%
HSV	116°, 9%, 60%
XYZ	27.2737, 30.6674, 29.2929
YIQ	148.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

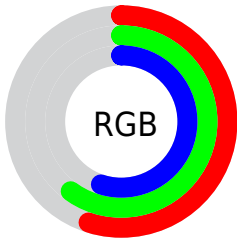
Format	Color
RYB	140, 154, 153
Decimal	9280140
CIELab	62.23, -7.39, 5.76
CIELCh	62, 9.370, 142.060
Yxy	30.6674, 0.3126, 0.3516
Android (android.graphics.Color)	4287470220 (0xFF8D9A8C)
YUV	148.5170, -4.1989, -6.5924
Hunter-Lab	55.3782, -9.0007, 7.4026

Details

The XYZ color **27.2737, 30.6674, 29.2929** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3490, 27.8625, 34.4574**, and the grayscale version is **28.3831, 29.8612, 32.5188**.

A 20% lighter version of the original color is **54.7992, 60.6089, 59.8494**, and **11.0101, 12.6628, 11.5367** is the 20% darker color. If you saturate the color by 10%, you get **23.9401, 29.0719, 23.6183**, and if you desaturate by 10%, it is **31.0820, 32.4910, 35.8207**.

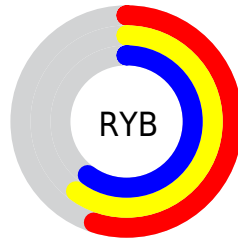
Distribution



Red (55%)

Green (60%)

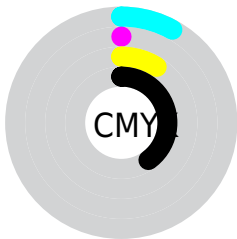
Blue (55%)



Red (55%)

Yellow (60%)

Blue (60%)

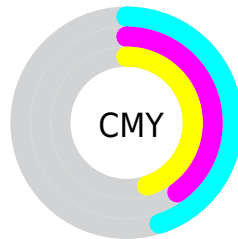


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (40%)



Cyan (45%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2737, 30.6674, 29.2929 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 27.2737, 30.6674, 29.2929 by changing the saturation by 10% instead.

■ 27.2737, 30.6674,
29.2929

■ 27.2737, 30.6674,
29.2929

281.1233,
305.0031, 312.6985

■ 17.9165, 20.3457,
19.0550

■ 54.7395, 60.7160,
59.5898

■ 10.9894, 12.6466,
11.5328

■ 73.5789, 81.2118,
80.4860

■ 6.1270, 7.1856,
6.3078

■ 96.3098, 105.8677,
105.7720

■ 2.9638, 3.5785,
2.9613

123.2975,
135.0681, 135.8664

■ 1.1347, 1.4407,
1.0749

154.9073,
169.1975, 171.1877

■ 0.0538, 0.2464,
0.0000

191.5046,

■ 0.0000, 0.0000,

208.6402, 212.1544

0.0000

233.4549,
253.7806, 259.1852

■ 27.2737, 30.6674,
29.2929

■ 27.2737, 30.6674,
29.2929

■ 23.9401, 29.0719,
23.6183

■ 31.0820, 32.4910,
35.8207

■ 21.0602, 27.6918,
18.7597

■ 35.3800, 34.5471,
43.2328

■ 18.6151, 26.5191,
14.6803

■ 40.1850, 36.8448,
51.5611

■ 16.5836, 25.5436,
11.3395

■ 45.5130, 39.3917,
60.8354

■ 14.9428, 24.7547,
8.6931

■ 51.3789, 42.1950,
71.0843

■ 13.6676, 24.1402,
6.6923

■ 57.7974, 45.2614,
82.3349

■ 12.7298, 23.6870,
5.2818

■ 64.7823, 48.5978,
94.6135

■ 12.0971, 23.3798,
4.3972

■ 70.8462, 51.5925,
100.8321

■ 11.7196, 23.1958,
3.8997

Harmonies

Analogous

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



28.2453, 30.6674, 27.3481



27.2737, 30.6674, 29.2929



26.8074, 30.6674, 32.4395

Triad

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



27.2737, 30.6674, 29.2929



28.8141, 30.6674, 40.7694



31.4590, 30.6674, 30.8454

Complementary

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



27.2737, 30.6674, 29.2929



28.3490, 27.8625, 34.4574

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.



31.6220, 30.6674, 34.3622



27.2737, 30.6674, 29.2929



30.0707, 30.6674, 40.2656

Square

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



27.2737, 30.6674, 29.2929



27.6798, 30.6674, 39.1863



31.1072, 30.6674, 37.8558



30.6682, 30.6674, 28.1983

Rectangle

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



27.2737, 30.6674, 29.2929



26.8361, 30.6674, 34.8669



31.1072, 30.6674, 37.8558



31.5900, 30.6674, 31.9585

Sweetspot

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



27.2745, 30.6687, 29.2936



53.6108, 57.6560, 60.1742



29.4254, 31.4930, 29.3393



12.0120, 12.9915, 13.4100



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.2745, 30.6687, 29.2936



48.1838, 55.0581, 50.8898



27.5472, 30.7582, 31.6122



6.1710, 6.9456, 6.6212



9.5399, 18.8939, 3.1441



0.1521, 0.2874, 0.0474

Inverse Universe

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



28.3490, 27.8625, 34.4574



50.5584, 48.8563, 62.3018



28.0641, 27.7704, 31.9684



6.4177, 6.3012, 7.8070



13.9951, 6.6658, 25.4567



0.2204, 0.1054, 0.3811

Previews

White Background



This preview shows how the XYZ color 27.2737, 30.6674, 29.2929 looks on a white background.

Color Contrast Check

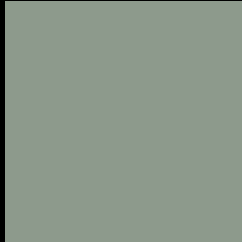
Large Text (above 18pt) WCAG AA × Fail

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 27.2737, 30.6674, 29.2929 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

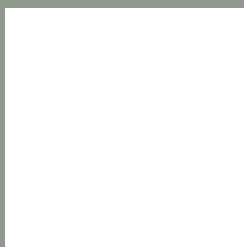
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2737, 30.6674, 29.2929

Background



This preview shows how black text looks on a background with the XYZ color 27.2737, 30.6674, 29.2929.



This preview shows how white text looks on a background with the XYZ color 27.2737, 30.6674,

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

27.2737, 30.6674, 29.2929

Protanopia

29.2041, 30.7156, 28.4342

Deuteranopia

31.1563, 30.5286, 29.8417



Tritanopia

29.3545, 30.7973, 39.0477

Trichromacy



Original Color

27.2737, 30.6674, 29.2929

Protanomaly

28.4893, 30.5766, 28.8264

Deuteranomaly

29.4982, 30.3720, 29.5070

Tritanomaly

28.6462, 30.7523, 35.4363

Monochromacy



Original Color

27.2737, 30.6674, 29.2929

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.1090, 30.3195, 31.5649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2737, 30.6674, 29.2929 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, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 154, 140)  
}
```

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, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 154, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.2737, 30.6674, 29.2929 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, 154, 140) }
```


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

```
.border{ border-color:rgb(141, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 154,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2737, 30.6674, 29.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 154, 140) }
```

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

```
.background{ background-color: rgb(141,  
154, 140) }
```

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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