

Converting Colors

XYZ(27.2952, 30.3772, 32.9431)

Have a look what the booklet for
XYZ(27.2952, 30.3772, 32.9431)
contains.

XYZ(27.2973, 30.3557, 32.8543)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.2973, 30.3557,
32.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9995
RGB	138, 153, 149
RGB Percent	54%, 60%, 58%
CMY	0.4588, 0.4000, 0.4157
CMYK	0.10, 0.00, 0.03, 0.40
HSL	164°, 7%, 57%
HSV	164°, 10%, 60%
XYZ	27.2973, 30.3557, 32.8543
YIQ	148.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

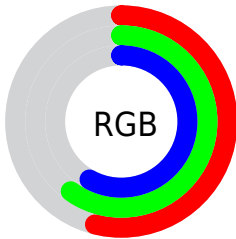
Format	Color
RYB	138, 147, 153
Decimal	9083285
CIELab	61.96, -6.15, 0.27
CIElCh	62, 6.154, 177.497
Yxy	30.3557, 0.3016, 0.3354
Android (android.graphics.Color)	4287273365 (0xFF8A9995)
YUV	148.0590, 0.4639, -8.8217
Hunter-Lab	55.0960, -7.9802, 3.2120

Details

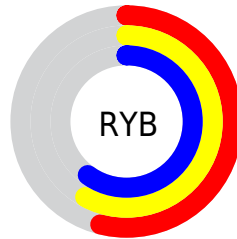
The XYZ color **27.2973, 30.3557, 32.8543** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1090, 26.9031, 29.3566**, and the grayscale version is **28.1741, 29.6413, 32.2794**.

A 20% lighter version of the original color is **54.5782, 60.0138, 65.2072**, and **10.9805, 12.4593, 13.3814** is the 20% darker color. If you saturate the color by 10%, you get **24.6221, 29.0144, 31.0580**, and if you desaturate by 10%, it is **30.3423, 31.8880, 34.7288**.

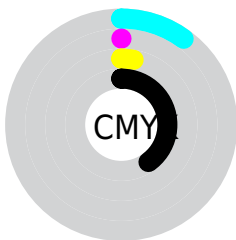
Distribution



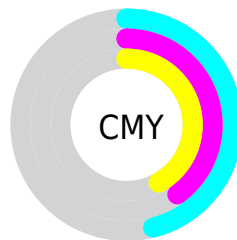
- Red (54%)
- Green (60%)
- Blue (58%)



- Red (54%)
- Yellow (58%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (46%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2973, 30.3557, 32.8543 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 27.2973, 30.3557, 32.8543 by changing the saturation by 10% instead.

■ 27.2973, 30.3557,
32.8543

■ 27.2973, 30.3557,
32.8543

281.2351,
303.5589, 329.6045

■ 17.9344, 20.1087,
21.7447

■ 54.7771, 60.2242,
65.2614

■ 11.0023, 12.4741,
13.4729

■ 73.6247, 80.6146,
87.3959

■ 6.1357, 7.0674,
7.6204

■ 96.3645, 105.1549,
114.0424

■ 2.9692, 3.5043,
3.7688

123.3620,
134.2295, 145.6195

■ 1.1375, 1.4003,
1.4994

154.9824,
168.2228, 182.5458

■ 0.0561, 0.2170,
0.2175

191.5912,

■ 0.0000, 0.0000,

207.5192, 225.2397

0.0000

233.5536,
252.5031, 274.1197

■ 27.2973, 30.3557,
32.8543

■ 27.2973, 30.3557,
32.8543

■ 24.6221, 29.0144,
31.0580

■ 30.3423, 31.8880,
34.7288

■ 22.2991, 27.8526,
29.3367

■ 33.7686, 33.6147,
36.6807

■ 20.3133, 26.8632,
27.6895

■ 37.5904, 35.5439,
38.7119

■ 18.6474, 26.0375,
26.1151

■ 41.8203, 37.6821,
40.8237

■ 17.2825, 25.3658,
24.6120

■ 46.4705, 40.0356,
43.0170

■ 16.1979, 24.8373,
23.1785

■ 51.5525, 42.6104,
45.2931

■ 15.3700, 24.4399,
21.8130

■ 57.0774, 45.4121,
47.6530

■ 14.7712, 24.1593,
20.5133

■ 61.0399, 47.4069,
50.0034

■ 14.3349, 23.9613,
19.2758

■ 61.4670, 47.5777,
52.2525

Harmonies

Analogous

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



27.5358, 30.3557, 30.6722



27.2973, 30.3557, 32.8543



27.4688, 30.3557, 35.1929

Triad

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



27.2973, 30.3557, 32.8543



29.5903, 30.3557, 37.2450



29.7124, 30.3557, 29.3694

Complementary

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



27.2973, 30.3557, 32.8543



27.1090, 26.9031, 29.3566

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.



30.2813, 30.3557, 31.0001



27.2973, 30.3557, 32.8543



30.2098, 30.3557, 35.5522

Square

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



27.2973, 30.3557, 32.8543



28.7830, 30.3557, 37.7984



30.4650, 30.3557, 33.2509



28.9215, 30.3557, 28.7210

Rectangle

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



27.2973, 30.3557, 32.8543



27.7944, 30.3557, 36.5134



30.4650, 30.3557, 33.2509



29.9365, 30.3557, 29.8169

Sweetspot

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



27.2982, 30.3570, 32.8550



52.4891, 56.1749, 61.0850



27.1780, 30.3917, 28.4790



11.4961, 12.3566, 13.4309



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.2982, 30.3570, 32.8550



47.6603, 53.7479, 58.0414



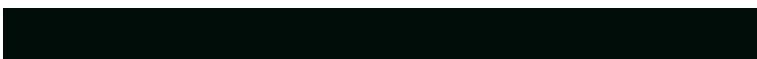
27.0985, 29.4374, 34.3923



6.3142, 6.9984, 7.5780



11.8545, 19.8052, 15.9861



0.1920, 0.3020, 0.3166

Inverse Universe

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



27.1090, 26.9031, 29.3566



47.2444, 46.1535, 50.3498



27.2871, 27.7317, 27.9598



6.2731, 6.2484, 6.8183



11.1979, 5.7334, 2.3012



0.1810, 0.0911, 0.1057

Previews

White Background



This preview shows how the XYZ color 27.2973, 30.3557, 32.8543 looks on a white background.

Color Contrast Check

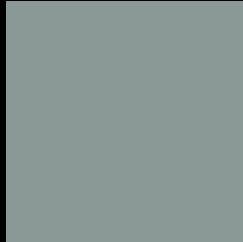
Large Text (above 18pt) WCAG AA × Fail

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 27.2973, 30.3557, 32.8543 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

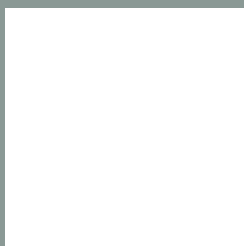
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2973, 30.3557, 32.8543

Background



This preview shows how black text looks on a background with the XYZ color 27.2973, 30.3557, 32.8543.



This preview shows how white text looks on a background with the XYZ color 27.2973, 30.3557,

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

27.2973, 30.3557, 32.8543

Protanopia

29.1508, 30.3738, 31.9301

Deuteranopia

30.8156, 30.2717, 33.4970



Tritanopia

28.4927, 30.3530, 39.0073

Trichromacy



Original Color

27.2973, 30.3557, 32.8543

Protanomaly

28.4644, 30.2467, 32.3549

Deuteranomaly

29.4214, 30.2518, 33.1427

Tritanomaly

28.0473, 30.4141, 36.7400

Monochromacy



Original Color

27.2973, 30.3557, 32.8543

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7532, 29.8801, 32.3217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2973, 30.3557, 32.8543 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(138, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(138, 153, 149)  
}
```

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(138, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 153, 149) }
```

Border

The CSS property to change the border of an element to XYZ 27.2973, 30.3557, 32.8543 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(138, 153, 149) }
```


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

```
.border{ border-color:rgb(138, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(138, 153,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2973, 30.3557, 32.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 153, 149) }
```

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

```
.background{ background-color: rgb(138,  
153, 149) }
```

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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