

Converting Colors

XYZ(29.6288, 32.7439, 37.1149)

Have a look what the booklet for
XYZ(29.6288, 32.7439, 37.1149)
contains.

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Color

**XYZ(29.5537, 32.6731,
37.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9E9E
RGB	142, 158, 158
RGB Percent	56%, 62%, 62%
CMY	0.4431, 0.3804, 0.3804
CMYK	0.10, 0.00, 0.00, 0.38
HSL	180°, 8%, 59%
HSV	180°, 10%, 62%
XYZ	29.5537, 32.6731, 37.0966
YIQ	153.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

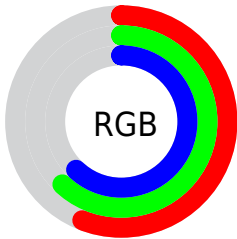
Format	Color
RYB	142, 150, 158
Decimal	9346718
CIELab	63.90, -5.64, -1.94
CIElCh	64, 5.964, 198.943
Yxy	32.6731, 0.2976, 0.3290
Android (android.graphics.Color)	4287536798 (0xFF8E9E9E)
YUV	153.2160, 2.3585, -9.8364
Hunter-Lab	57.1604, -7.7406, 1.5336

Details

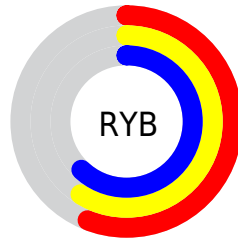
The XYZ color **29.5537, 32.6731, 37.0966** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6572, 28.5689, 29.5966**, and the grayscale version is **30.3661, 31.9475, 34.7908**.

A 20% lighter version of the original color is **58.5694, 64.1284, 72.2419**, and **12.3252, 13.8522, 15.9341** is the 20% darker color. If you saturate the color by 10%, you get **27.0327, 31.3744, 36.9782**, and if you desaturate by 10%, it is **32.4609, 34.1727, 37.2344**.

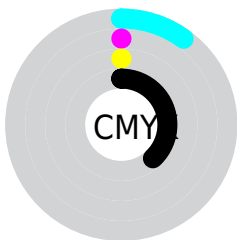
Distribution



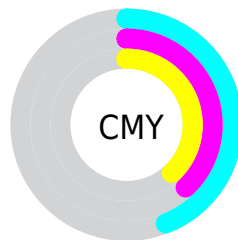
- Red (56%)
- Green (62%)
- Blue (62%)



- Red (56%)
- Yellow (59%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5537, 32.6731, 37.0966 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 29.5537, 32.6731, 37.0966 by changing the saturation by 10% instead.

■ 29.5537, 32.6731,
37.0966

■ 29.5537, 32.6731,
37.0966

291.7659,
314.1741, 348.9098

■ 19.6465, 21.8761,
24.9859

■ 58.3471, 63.8648,
71.9093

■ 12.2451, 13.7659,
15.8476

■ 77.9641, 85.0284,
95.4484

■ 6.9842, 7.9580,
9.2632

■ 101.5483,
110.4162, 123.6341

■ 3.4985, 4.0681,
4.8141

129.4651,
140.4128, 156.8849

■ 1.4225, 1.7117,
2.0818

162.0799,
175.4025, 195.6193

■ 0.2722, 0.4312,
0.6049

199.7581,

■ 0.0000, 0.0000,

215.7697, 240.2559

0.0000

242.8650,
261.8988, 291.2132

■ 29.5537, 32.6731,
37.0966

■ 29.5537, 32.6731,
37.0966

■ 27.0327, 31.3744,
36.9782

■ 32.4609, 34.1727,
37.2344

■ 24.8790, 30.2642,
36.8763

■ 35.7665, 35.8768,
37.3903

■ 23.0763, 29.3349,
36.7908

■ 39.4859, 37.7942,
37.5654

■ 21.6061, 28.5769,
36.7209

■ 43.6327, 39.9319,
37.7606

■ 20.4479, 27.9799,
36.6656

■ 48.2199, 42.2966,
37.9764

■ 19.5793, 27.5322,
36.6238

■ 53.2598, 44.8948,
38.2134

■ 18.9748, 27.2205,
36.5944

■ 58.7645, 47.7325,
38.4721

■ 18.6043, 27.0296,
36.5760

■ 59.6408, 48.1843,
38.5142

■ 18.3972, 26.9228,
36.5652

■ 59.6410, 48.1844,
38.5154

Harmonies

Analogous

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



29.4982, 32.6731, 34.6967



29.5537, 32.6731, 37.0966



30.0072, 32.6731, 39.1746

Triad

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



29.5537, 32.6731, 37.0966



32.2873, 32.6731, 38.6973



31.3652, 32.6731, 31.2307

Complementary

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



29.5537, 32.6731, 37.0966



28.6572, 28.5689, 29.5966

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.



32.1265, 32.6731, 32.2038



29.5537, 32.6731, 37.0966



32.6653, 32.6731, 36.4689

Square

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



29.5537, 32.6731, 37.0966



31.5815, 32.6731, 40.1271



32.6059, 32.6731, 34.0965



30.5340, 32.6731, 31.3817

Rectangle

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



29.5537, 32.6731, 37.0966



30.4787, 32.6731, 40.0640



32.6059, 32.6731, 34.0965



31.6381, 32.6731, 31.4354

Sweetspot

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



29.5546, 32.6745, 37.0973



57.3253, 61.2190, 67.5379



28.3114, 32.1825, 30.3113



12.8289, 13.7528, 15.2219



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.



29.5546, 32.6745, 37.0973



52.6467, 58.8071, 67.3171



28.2767, 30.1183, 36.6724



6.8218, 7.5095, 8.4964



14.7336, 21.5614, 29.2836



0.2635, 0.3855, 0.5237

Inverse Universe

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



28.6572, 28.5689, 29.5966



50.7057, 49.9278, 51.0948



29.8480, 30.9509, 29.9926



6.6331, 6.6462, 6.9191



11.2932, 5.8219, 0.5292



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 29.5537, 32.6731, 37.0966 looks on a white background.

Color Contrast Check

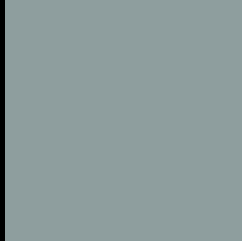
Large Text (above 18pt) WCAG AA × Fail

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 29.5537, 32.6731, 37.0966 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

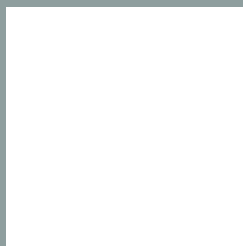
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5537, 32.6731, 37.0966

Background



This preview shows how black text looks on a background with the XYZ color 29.5537, 32.6731, 37.0966.



This preview shows how white text looks on a background with the XYZ color 29.5537, 32.6731,

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

29.5537, 32.6731, 37.0966

Protanopia

31.4610, 32.6796, 36.1021

Deuteranopia

33.1879, 32.5662, 37.7944



Tritanopia

30.5515, 32.5708, 42.2127

Trichromacy



Original Color

29.5537, 32.6731, 37.0966

Protanomaly

30.7560, 32.5524, 36.5605

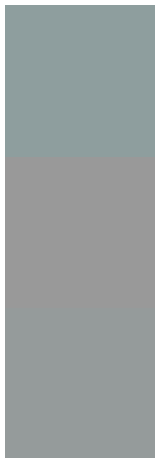
Deuteranomaly

31.7498, 32.5548, 37.4112

Tritanomaly

30.1762, 32.6702, 40.3128

Monochromacy



Original Color

29.5537, 32.6731, 37.0966

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0322, 32.1988, 35.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5537, 32.6731, 37.0966 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(142, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 158)  
}
```

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(142, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.5537, 32.6731, 37.0966 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(142, 158, 158) }
```


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

```
.border{ border-color:rgb(142, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5537, 32.6731, 37.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 158) }
```

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

```
.background{ background-color: rgb(142,  
158, 158) }
```

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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