

Converting Colors

XYZ(30.0937, 29.5684, 37.3357)

Have a look what the booklet for
XYZ(30.0937, 29.5684, 37.3357)
contains.

XYZ(30.0287, 29.5525, 37.3792)	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(30.0287, 29.5525,
37.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	9C90A0
RGB	156, 144, 160
RGB Percent	61%, 56%, 63%
CMY	0.3882, 0.4353, 0.3725
CMYK	0.02, 0.10, 0.00, 0.37
HSL	285°, 8%, 60%
HSV	285°, 10%, 63%
XYZ	30.0287, 29.5525, 37.3792
YIQ	149.4120, 2.0160, 7.5200

Conversions

Conversions Part 2

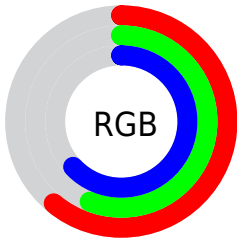
Format	Color
R _Y B	156, 144, 160
Decimal	10260640
CIE Lab	61.27, 7.50, -6.82
CIE LCh	61, 10.137, 317.696
Yxy	29.5525, 0.3097, 0.3048
Android (android.graphics.Color)	4288450720 (0xFF9C90A0)
YUV	149.4120, 5.2199, 5.7777
Hunter-Lab	54.3622, 3.4663, -2.7140

Details

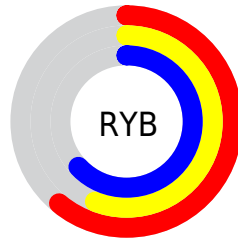
The XYZ color **30.0287, 29.5525, 37.3792** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8187, 33.4519, 31.2723**, and the grayscale version is **28.7194, 30.2151, 32.9042**.

A 20% lighter version of the original color is **59.3238, 59.1433, 72.5791**, and **12.5887, 12.1128, 16.1425** is the 20% darker color. If you saturate the color by 10%, you get **27.0139, 24.6528, 36.5928**, and if you desaturate by 10%, it is **33.4142, 35.1548, 38.2826**.

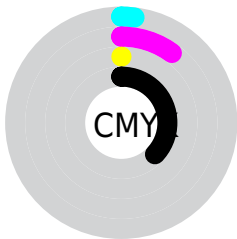
Distribution



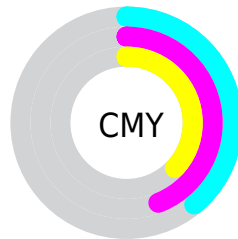
- Red (61%)
- Green (56%)
- Blue (63%)



- Red (61%)
- Yellow (56%)
- Blue (63%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (37%)



- Cyan (39%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0287, 29.5525, 37.3792 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 30.0287, 29.5525, 37.3792 by changing the saturation by 10% instead.

■ 30.0287, 29.5525,
37.3792

■ 30.0287, 29.5525,
37.3792

293.9456,
299.8130, 350.1673

■ 20.0086, 19.4992,
25.2031

■ 59.0939, 58.9538,
72.3484

■ 12.5096, 12.0315,
16.0081

■ 78.8696, 79.0705,
95.9787

■ 7.1664, 6.7651,
9.3754

102.6279,
103.3105, 124.2641

■ 3.6136, 3.3157,
4.8867

130.7342,
132.0581, 157.6232

■ 1.4860, 1.2987,
2.1234

163.5537,
165.6977, 196.4746

■ 0.3162, 0.1402,
0.6296

201.4519,

■ 0.0000, 0.0000,

204.6139, 241.2367

0.0000

244.7941,
249.1908, 292.3281

■ 30.0287, 29.5525,
37.3792

■ 30.0287, 29.5525,
37.3792

■ 27.0139, 24.6528,
36.5928

■ 33.4142, 35.1548,
38.2826

■ 24.3525, 20.4231,
35.9167

■ 37.1817, 41.4831,
39.3055

■ 22.0299, 16.8337,
35.3462

■ 41.3448, 48.5643,
40.4529

■ 20.0291, 13.8512,
34.8760

■ 45.9161, 56.4229,
41.7288

■ 18.3318, 11.4393,
34.4999

■ 50.9075, 65.0822,
43.1371

■ 16.9176, 9.5576,
34.2113

■ 56.3301, 74.5647,
44.6816

■ 15.7634, 8.1602,
34.0024

■ 61.8737, 84.2491,
46.2587

■ 14.8422, 7.1936,
33.8644

■ 62.8458, 84.7502,
46.3042

■ 14.0904, 6.5309,
33.7761

■ 63.8451, 85.2654,
46.3510

Harmonies

Analogous

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



28.8756, 29.5525, 39.6952



30.0287, 29.5525, 37.3792



30.6700, 29.5525, 33.7685

Triad

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



30.0287, 29.5525, 37.3792



28.6389, 29.5525, 25.5212



25.7155, 29.5525, 34.4625

Complementary

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



30.0287, 29.5525, 37.3792



29.8187, 33.4519, 31.2723

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.



25.6566, 29.5525, 30.6376



30.0287, 29.5525, 37.3792



27.3163, 29.5525, 25.6747

Square

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



30.0287, 29.5525, 37.3792



29.8507, 29.5525, 27.0450



26.2342, 29.5525, 27.4825



26.3976, 29.5525, 37.9217

Rectangle

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



30.0287, 29.5525, 37.3792



30.7079, 29.5525, 31.2040



26.2342, 29.5525, 27.4825



25.6229, 29.5525, 33.1714

Sweetspot

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



30.0296, 29.5538, 37.3798



58.7170, 60.5807, 68.9851



28.4797, 29.7322, 37.4960



12.7708, 13.1093, 15.1009



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.



30.0296, 29.5538, 37.3798



53.2444, 51.5648, 67.5333



30.4947, 29.8307, 35.7224



6.7421, 6.6710, 8.3390



11.0176, 5.1088, 26.3126



0.2328, 0.1098, 0.4722

Inverse Universe

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



29.8168, 29.5596, 32.1525



52.7901, 51.5843, 56.0513



29.3977, 33.2013, 32.7668



6.6977, 6.6720, 7.2593



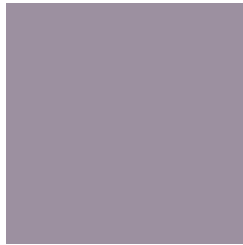
11.6071, 5.9474, 2.1818



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 30.0287, 29.5525, 37.3792 looks on a white background.

Color Contrast Check

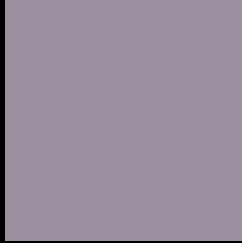
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0287, 29.5525, 37.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

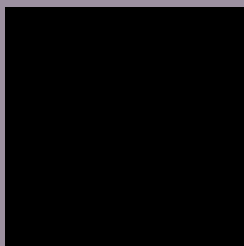
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0287, 29.5525, 37.3792

Background



This preview shows how black text looks on a background with the XYZ color 30.0287, 29.5525, 37.3792.



This preview shows how white text looks on a background with the XYZ color 30.0287, 29.5525,

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

30.0287, 29.5525, 37.3792

Protanopia

28.8094, 29.5871, 38.3749

Deuteranopia

30.2230, 29.6527, 37.3883



Tritanopia

29.6437, 29.6197, 35.6073

Trichromacy



Original Color

30.0287, 29.5525, 37.3792

Protanomaly

29.2896, 29.6150, 37.8908

Deuteranomaly

30.2230, 29.6527, 37.3883

Tritanomaly

29.7288, 29.6537, 36.0551

Monochromacy



Original Color

30.0287, 29.5525, 37.3792

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1324, 29.8427, 34.3618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0287, 29.5525, 37.3792 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(156, 144, 160)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 160)  
}
```

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(156, 144, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.0287, 29.5525, 37.3792 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(156, 144, 160) }
```


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

```
.border{ border-color:rgb(156, 144, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 160);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0287, 29.5525, 37.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 160) }
```

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

```
.background{ background-color: rgb(156,  
144, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor