

Converting Colors

XYZ(30.6260, 29.4009, 37.7062)

Have a look what the booklet for
XYZ(30.6260, 29.4009, 37.7062)
contains.

XYZ(30.6032, 29.3928, 37.7786)	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(30.6032, 29.3928,
37.7786)**

Conversions

Conversions Part 1

Format	Color
Hex	A08EA1
RGB	160, 142, 161
RGB Percent	63%, 56%, 63%
CMY	0.3725, 0.4431, 0.3686
CMYK	0.01, 0.12, 0.00, 0.37
HSL	297°, 9%, 59%
HSV	297°, 12%, 63%
XYZ	30.6032, 29.3928, 37.7786
YIQ	149.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

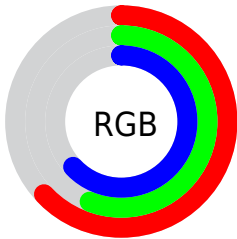
Format	Color
RYB	160, 142, 161
Decimal	10522273
CIELab	61.13, 10.26, -7.56
CIELCh	61, 12.742, 323.604
Yxy	29.3928, 0.3130, 0.3006
Android (android.graphics.Color)	4288712353 (0xFFA08EA1)
YUV	149.5480, 5.6458, 9.1664
Hunter-Lab	54.2151, 5.8827, -3.3643

Details

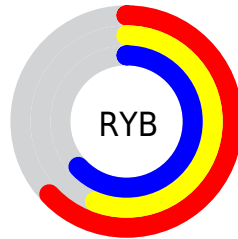
The XYZ color **30.6032, 29.3928, 37.7786** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9562, 33.2831, 30.4908**, and the grayscale version is **28.7743, 30.2728, 32.9671**.

A 20% lighter version of the original color is **60.1589, 58.8848, 73.1609**, and **12.7718, 11.9466, 16.1008** is the 20% darker color. If you saturate the color by 10%, you get **28.2102, 24.8570, 37.0297**, and if you desaturate by 10%, it is **33.3451, 34.6238, 38.6442**.

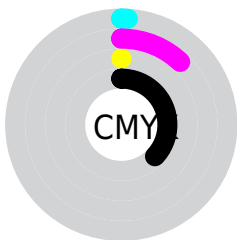
Distribution



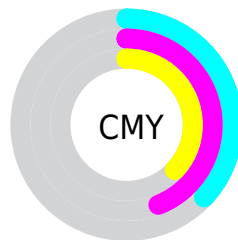
- Red (63%)
- Green (56%)
- Blue (63%)



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



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6032, 29.3928, 37.7786 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 30.6032, 29.3928, 37.7786 by changing the saturation by 10% instead.

■ 30.6032, 29.3928,
37.7786

■ 30.6032, 29.3928,
37.7786

296.5657,
299.0638, 351.9389

■ 20.4472, 19.3782,
25.5104

■ 59.9949, 58.7006,
72.9683

■ 12.8307, 11.9439,
16.2353

■ 79.9614, 78.7625,
96.7269

■ 7.3883, 6.7055,
9.5346

■ 103.9287,
102.9424, 125.1527

■ 3.7546, 3.2786,
4.9900

132.2622,
131.6245, 158.6643

■ 1.5642, 1.2788,
2.1827

165.3273,
165.1933, 197.6802

■ 0.3689, 0.1247,
0.6644

203.4894,

■ 0.0000, 0.0000,

204.0332, 242.6189

0.0000

247.1137,
248.5286, 293.8989

■ 30.6032, 29.3928,
37.7786

■ 30.6032, 29.3928,
37.7786

■ 28.2102, 24.8570,
37.0297

■ 33.3451, 34.6238,
38.6442

■ 26.1487, 20.9830,
36.3906

■ 36.4472, 40.5738,
39.6292

■ 24.4038, 17.7403,
35.8566

■ 39.9234, 47.2704,
40.7385

■ 22.9583, 15.0949,
35.4222

■ 43.7863, 54.7386,
41.9764

■ 21.7934, 13.0091,
35.0810

■ 48.0476, 63.0020,
43.3468

■ 20.8884, 11.4412,
34.8261

■ 52.7188, 72.0834,
44.8535

■ 20.2194, 10.3437,
34.6495

■ 57.8108, 82.0046,
46.5001

■ 19.7583, 9.6602,
34.5418

■ 58.0832, 82.2849,
46.5399

■ 19.4807, 9.2995,
34.4869

■ 58.2625, 82.3773,
46.5483

Harmonies

Analogous

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



29.2430, 29.3928, 41.1954



30.6032, 29.3928, 37.7786



31.2523, 29.3928, 33.0395

Triad

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



30.6032, 29.3928, 37.7786



28.2963, 29.3928, 23.7044



25.0957, 29.3928, 35.8306

Complementary

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



30.6032, 29.3928, 37.7786



28.9562, 33.2831, 30.4908

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.



24.8648, 29.3928, 30.9899



30.6032, 29.3928, 37.7786



26.6704, 29.3928, 24.2924

Square

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



30.6032, 29.3928, 37.7786



29.8866, 29.3928, 25.1551



25.4303, 29.3928, 26.8496



26.0740, 29.3928, 39.9946

Rectangle

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



30.6032, 29.3928, 37.7786



31.1768, 29.3928, 29.8883



25.4303, 29.3928, 26.8496



24.9297, 29.3928, 34.2168

Sweetspot

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



30.6041, 29.3941, 37.7792



58.5445, 59.7644, 68.8366



27.4522, 28.0506, 37.6860



12.7601, 12.9551, 15.0717



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.



30.6041, 29.3941, 37.7792



53.6958, 50.5268, 67.3091



30.1024, 29.2166, 34.0898



7.3273, 7.1831, 8.9034



15.5694, 7.4328, 27.5439



0.3375, 0.1615, 0.5792

Inverse Universe

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



29.3299, 28.9076, 30.0220



50.9872, 49.4935, 50.7796



29.4251, 33.4508, 33.8596



7.0882, 7.0917, 7.4508



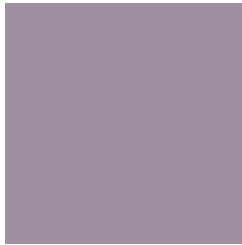
11.7807, 6.0684, 0.7701



0.2518, 0.1292, 0.0387

Previews

White Background



This preview shows how the XYZ color 30.6032, 29.3928, 37.7786 looks on a white background.

Color Contrast Check

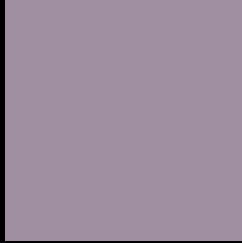
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6032, 29.3928, 37.7786 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 30.6032, 29.3928, 37.7786

Background



This preview shows how black text looks on a background with the XYZ color 30.6032, 29.3928, 37.7786.



This preview shows how white text looks on a background with the XYZ color 30.6032, 29.3928,

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

30.6032, 29.3928, 37.7786

Protanopia

28.8116, 29.5675, 39.3105

Deuteranopia

29.9658, 29.2861, 37.7916



Tritanopia

29.9533, 29.3489, 34.6581

Trichromacy



Original Color

30.6032, 29.3928, 37.7786

Protanomaly

29.3139, 29.3792, 38.7761

Deuteranomaly

30.1601, 29.3862, 37.8007

Tritanomaly

30.2063, 29.4502, 35.9907

Monochromacy



Original Color

30.6032, 29.3928, 37.7786

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5929, 30.0706, 34.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6032, 29.3928, 37.7786 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(160, 142, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 142, 161)  
}
```

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(160, 142, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 142, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.6032, 29.3928, 37.7786 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(160, 142, 161) }
```


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

```
.border{ border-color:rgb(160, 142, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 142, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 142, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 142, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 142,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6032, 29.3928, 37.7786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 142, 161) }
```

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

```
.background{ background-color: rgb(160,  
142, 161) }
```

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