

Converting Colors

XYZ(29.6116, 27.1435, 37.4674)

Have a look what the booklet for
XYZ(29.6116, 27.1435, 37.4674)
contains.

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Color

**XYZ(29.6561, 27.2005,
37.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	A186A1
RGB	161, 134, 161
RGB Percent	63%, 53%, 63%
CMY	0.3686, 0.4745, 0.3686
CMYK	0.00, 0.17, 0.00, 0.37
HSL	300°, 13%, 58%
HSV	300°, 17%, 63%
XYZ	29.6561, 27.2005, 37.4054
YIQ	145.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

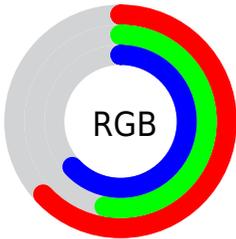
Format	Color
RYB	161, 134, 161
Decimal	10585761
CIELab	59.16, 15.16, -10.49
CIElCh	59, 18.437, 325.330
Yxy	27.2005, 0.3146, 0.2886
Android (android.graphics.Color)	4288775841 (0xFFA186A1)
YUV	145.1510, 7.8136, 13.8996
Hunter-Lab	52.1541, 10.2298, -6.0155

Details

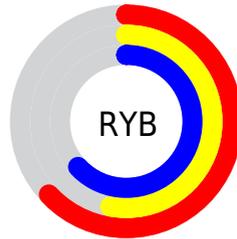
The XYZ color **29.6561, 27.2005, 37.4054** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **26.8806, 32.2802, 27.3697**, and the grayscale version is **26.9428, 28.3460, 30.8687**.

A 20% lighter version of the original color is **58.4839, 55.0974, 72.5182**, and **12.2373, 10.6960, 15.8876** is the 20% darker color. If you saturate the color by 10%, you get **27.5984, 23.0846, 36.7197**, and if you desaturate by 10%, it is **32.0542, 31.9963, 38.2052**.

Distribution



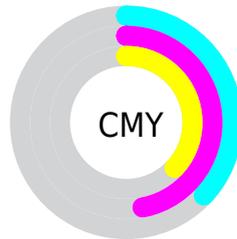
- Red (63%)
- Green (53%)
- Blue (63%)



- Red (63%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6561, 27.2005, 37.4054 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 29.6561, 27.2005, 37.4054 by changing the saturation by 10% instead.

■ 29.6561, 27.2005,
37.4054

■ 29.6561, 27.2005,
37.4054

292.2368,
288.6266, 350.2838

■ 19.7245, 17.7239,
25.2233

■ 58.5083, 55.2054,
72.3891

■ 12.3020, 10.7519,
16.0230

■ 78.1595, 74.5025,
96.0278

■ 7.0234, 5.9003,
9.3859

■ 101.7814, 97.8419,
124.3225

■ 3.5232, 2.7845,
4.8935

129.7391,
125.6079, 157.6916

■ 1.4361, 1.0203,
2.1273

162.3982,
158.1850, 196.5538

■ 0.2817, 0.0000,
0.6319

200.1240,

■ 0.0000, 0.0000,

195.9576, 241.3275

0.0000

243.2817,
239.3100, 292.4313

■ 29.6561, 27.2005,
37.4054

■ 29.6561, 27.2005,
37.4054

■ 27.5984, 23.0846,
36.7197

■ 32.0542, 31.9963,
38.2052

■ 25.8633, 19.6146,
36.1413

■ 34.8047, 37.4971,
39.1221

■ 24.4354, 16.7587,
35.6652

■ 37.9217, 43.7311,
40.1612

■ 23.2966, 14.4813,
35.2855

■ 41.4180, 50.7237,
41.3267

■ 22.4274, 12.7427,
34.9957

■ 45.3058, 58.4993,
42.6227

■ 21.8054, 11.4988,
34.7883

■ 49.5967, 67.0812,
44.0531

■ 21.4049, 10.6979,
34.6547

■ 54.3019, 76.4915,
45.6216

■ 21.1876, 10.2633,
34.5822

■ 56.8914, 81.6705,
46.4849

■ 21.1311, 10.1504,
34.5633

■ 56.8915, 81.6705,
46.4850

Harmonies

Analogous

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



27.7881, 27.2005, 42.5751



29.6561, 27.2005, 37.4054



30.5069, 27.2005, 30.6579

Triad

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



29.6561, 27.2005, 37.4054



26.2143, 27.2005, 18.7195



22.0653, 27.2005, 35.3610

Complementary

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



29.6561, 27.2005, 37.4054



26.8806, 32.2802, 27.3697

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.



21.6987, 27.2005, 28.5994



29.6561, 27.2005, 37.4054



24.0104, 27.2005, 19.5971

Square

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



29.6561, 27.2005, 37.4054



28.4463, 27.2005, 20.3890



22.3903, 27.2005, 22.9920



23.4228, 27.2005, 41.2776

Rectangle

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



29.6561, 27.2005, 37.4054



30.3481, 27.2005, 26.3987



22.3903, 27.2005, 22.9920



21.8257, 27.2005, 33.0862

Sweetspot

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



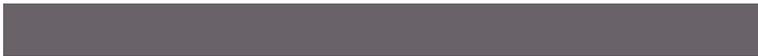
29.6569, 27.2017, 37.4060



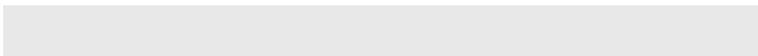
58.1856, 58.8620, 68.6812



24.7909, 24.6931, 37.1784



12.6933, 12.7741, 15.0403



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.



29.6569, 27.2017, 37.4060



51.7138, 45.9184, 66.5237



28.5298, 26.7508, 31.4707



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6043



0.3546, 0.1703, 0.5800

Inverse Universe

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



29.6569, 27.2017, 37.4060



51.7138, 45.9184, 66.5237



27.8832, 32.6812, 32.6495



7.3644, 7.2022, 8.9051



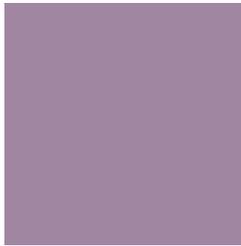
16.8766, 8.1067, 27.6043



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 29.6561, 27.2005, 37.4054 looks on a white background.

Color Contrast Check

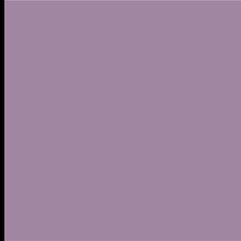
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6561, 27.2005, 37.4054 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 29.6561, 27.2005, 37.4054

Background



This preview shows how black text looks on a background with the XYZ color 29.6561, 27.2005, 37.4054.



This preview shows how white text looks on a background with the XYZ color 29.6561, 27.2005,

37.4054.

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

29.6561, 27.2005, 37.4054

Protanopia

26.8890, 27.2062, 39.9105

Deuteranopia

27.7905, 27.2992, 37.0623



Tritanopia

28.3687, 27.0858, 31.3367

Trichromacy



Original Color

29.6561, 27.2005, 37.4054

Protanomaly

27.6434, 26.9683, 38.8704

Deuteranomaly

28.4277, 27.2017, 37.0099

Tritanomaly

28.8287, 27.0685, 33.4111

Monochromacy



Original Color

29.6561, 27.2005, 37.4054

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8733, 27.8634, 33.1873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6561, 27.2005, 37.4054 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(161, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 134, 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(161, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 134, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.6561, 27.2005, 37.4054 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(161, 134, 161) }
```

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

```
.border{ border-color:rgb(161, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 134,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6561, 27.2005, 37.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 134, 161) }
```

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

```
.background{ background-color: rgb(161,  
134, 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](#).

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