

Converting Colors

XYZ(28.6270, 30.0247, 37.0356)

Have a look what the booklet for
XYZ(28.6270, 30.0247, 37.0356)
contains.

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Color

**XYZ(28.6825, 30.0178,
37.0832)**

Conversions

Conversions Part 1

Format	Color
Hex	91959F
RGB	145, 149, 159
RGB Percent	57%, 58%, 62%
CMY	0.4314, 0.4157, 0.3765
CMYK	0.09, 0.06, 0.00, 0.38
HSL	223°, 7%, 60%
HSV	223°, 9%, 62%
XYZ	28.6825, 30.0178, 37.0832
YIQ	148.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

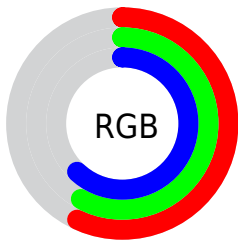
Format	Color
R _Y B	145, 148, 159
Decimal	9541023
CIE Lab	61.67, 0.59, -5.76
CIE LCh	62, 5.787, 275.866
Yxy	30.0178, 0.2995, 0.3134
Android (android.graphics.Color)	4287731103 (0xFF91959F)
YUV	148.9440, 4.9576, -3.4589
Hunter-Lab	54.7885, -2.4328, -1.7781

Details

The XYZ color **28.6825, 30.0178, 37.0832** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1304, 32.8578, 31.4901**, and the grayscale version is **28.5257, 30.0113, 32.6823**.

A 20% lighter version of the original color is **57.0467, 59.7090, 72.1366**, and **11.7938, 12.2510, 15.9304** is the 20% darker color. If you saturate the color by 10%, you get **24.3649, 25.2546, 36.3918**, and if you desaturate by 10%, it is **33.5692, 35.3361, 37.8526**.

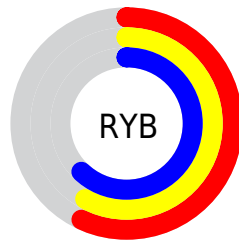
Distribution



Red (57%)

Green (58%)

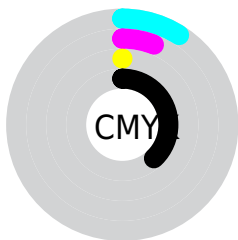
Blue (62%)



Red (57%)

Yellow (58%)

Blue (62%)

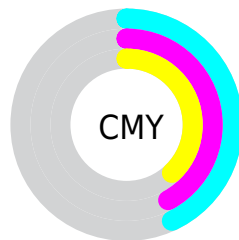


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (43%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6825, 30.0178, 37.0832 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 28.6825, 30.0178, 37.0832 by changing the saturation by 10% instead.

■ 28.6825, 30.0178,
37.0832

■ 28.6825, 30.0178,
37.0832

287.7352,
301.9874, 348.8501

■ 18.9838, 19.8521,
24.9756

■ 56.9733, 59.6903,
71.8885

■ 11.7625, 12.2876,
15.8400

■ 76.2962, 79.9659,
95.4233

■ 6.6532, 6.9398,
9.2579

99.5578, 104.3803,
123.6042

■ 3.2906, 3.4245,
4.8107

127.1236,
133.3178, 156.8499

■ 1.3092, 1.3572,
2.0798

159.3589,
167.1629, 195.5787

■ 0.1901, 0.1848,
0.6037

196.6290,

■ 0.0000, 0.0000,

206.3000, 240.2094

0.0000

239.2994,
251.1133, 291.1603

■ 28.6825, 30.0178,
37.0832

■ 28.6825, 30.0178,
37.0832

■ 24.3649, 25.2546,
36.3918

■ 33.5692, 35.3361,
37.8526

■ 20.5925, 21.0242,
35.7741

■ 39.0424, 41.2230,
38.7005

■ 17.3438, 17.3087,
35.2282

■ 45.1220, 47.6966,
39.6296

■ 14.5944, 14.0874,
34.7513

■ 51.8261, 54.7726,
40.6420

■ 12.3184, 11.3383,
34.3406

■ 59.1722, 62.4665,
41.7399

■ 10.4870, 9.0374,
33.9931

■ 67.1770, 70.7930,
42.9252

■ 9.0682, 7.1587,
33.7052

■ 75.3758, 79.5186,
44.1773

■ 8.0252, 5.6726,
33.4733

■ 78.6118, 85.9906,
45.2559

■ 7.2908, 4.5333,
33.2921

■ 82.0569, 92.8809,
46.4043

Harmonies

Analogous

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



27.9303, 30.0178, 36.7057



28.6825, 30.0178, 37.0832



29.4067, 30.0178, 36.2398

Triad

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



28.6825, 30.0178, 37.0832



29.7469, 30.0178, 30.2640



27.2020, 30.0178, 30.9822

Complementary

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



28.6825, 30.0178, 37.0832



31.1304, 32.8578, 31.4901

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.



27.6729, 30.0178, 29.3693



28.6825, 30.0178, 37.0832



29.1402, 30.0178, 28.9678

Square

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



28.6825, 30.0178, 37.0832



30.0283, 30.0178, 32.2531



28.3801, 30.0178, 28.6478



27.0844, 30.0178, 33.1193

Rectangle

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



28.6825, 30.0178, 37.0832



29.7733, 30.0178, 35.1201



28.3801, 30.0178, 28.6478



27.3238, 30.0178, 30.3638

Sweetspot

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



28.6834, 30.0191, 37.0839



56.2713, 59.1108, 67.1872



29.9753, 33.1764, 35.7467



12.5316, 13.1582, 15.1230



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.



28.6834, 30.0191, 37.0839



49.4177, 51.6199, 66.1025



28.5605, 29.0318, 36.8998



6.4315, 6.7288, 8.3665



5.7295, 3.5506, 26.2906



0.1359, 0.1303, 0.4812

Inverse Universe

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



29.8490, 29.7923, 32.6125



52.0414, 51.1428, 56.0300



31.2585, 33.9290, 31.6901



6.7071, 6.6758, 7.3090



11.6902, 5.9807, 2.6197



0.2259, 0.1137, 0.1356

Previews

White Background



This preview shows how the XYZ color 28.6825, 30.0178, 37.0832 looks on a white background.

Color Contrast Check

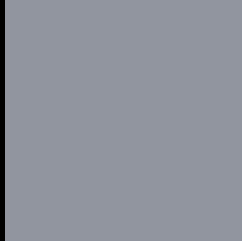
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6825, 30.0178, 37.0832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

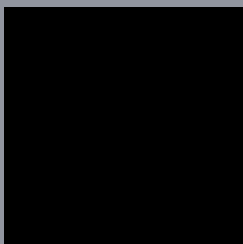
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

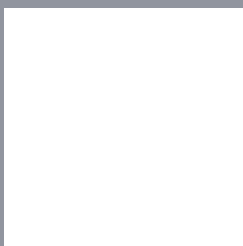
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.6825, 30.0178, 37.0832

Background



This preview shows how black text looks on a background with the XYZ color 28.6825, 30.0178, 37.0832.



This preview shows how white text looks on a background with the XYZ color 28.6825, 30.0178,

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

28.6825, 30.0178, 37.0832

Protanopia

29.1559, 30.0380, 36.6090

Deuteranopia

30.5711, 30.0580, 37.4482



Tritanopia

28.8575, 30.0878, 38.0048

Trichromacy



Original Color

28.6825, 30.0178, 37.0832

Protanomaly

28.9742, 29.9443, 36.6005

Deuteranomaly

29.7609, 29.8681, 37.4543

Tritanomaly

28.7697, 30.0527, 37.5421

Monochromacy



Original Color

28.6825, 30.0178, 37.0832

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7100, 30.0907, 34.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6825, 30.0178, 37.0832 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(145, 149, 159) looks like.

```
.text, #text, p{  
    color:rgb(145, 149, 159)  
}
```

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(145, 149, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 149, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.6825, 30.0178, 37.0832 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(145, 149, 159) }
```


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

```
.border{ border-color:rgb(145, 149, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 149, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 149, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 149, 159);  
box-shadow:4px 4px 4px 4px rgb(145, 149,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6825, 30.0178, 37.0832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 149, 159) }
```

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

```
.background{ background-color: rgb(145,  
149, 159) }
```

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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