

Converting Colors

XYZ(29.5091, 30.4987, 37.4662)

Have a look what the booklet for
XYZ(29.5091, 30.4987, 37.4662)
contains.

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Color

**XYZ(29.4870, 30.4225,
37.5757)**

Conversions

Conversions Part 1

Format	Color
Hex	9595A0
RGB	149, 149, 160
RGB Percent	58%, 58%, 63%
CMY	0.4157, 0.4157, 0.3725
CMYK	0.07, 0.07, 0.00, 0.37
HSL	240°, 5%, 61%
HSV	240°, 7%, 63%
XYZ	29.4870, 30.4225, 37.5757
YIQ	150.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

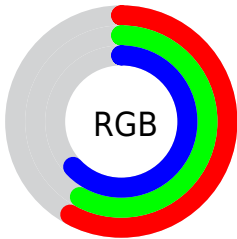
Format	Color
RYB	149, 149, 160
Decimal	9803168
CIELab	62.02, 2.20, -5.77
CIELCh	62, 6.178, 290.864
Yxy	30.4225, 0.3025, 0.3121
Android (android.graphics.Color)	4287993248 (0xFF9595A0)
YUV	150.2540, 4.8048, -1.0998
Hunter-Lab	55.1566, -1.0970, -1.7820

Details

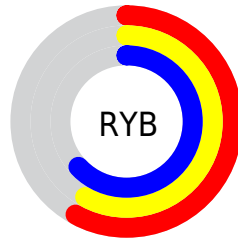
The XYZ color **29.4870, 30.4225, 37.5757** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4929, 34.7847, 33.4358**, and the grayscale version is **29.0793, 30.5937, 33.3165**.

A 20% lighter version of the original color is **58.2503, 60.3147, 72.8618**, and **12.1650, 12.4362, 16.2273** is the 20% darker color. If you saturate the color by 10%, you get **24.4068, 24.3017, 36.6625**, and if you desaturate by 10%, it is **35.3177, 37.4478, 38.6249**.

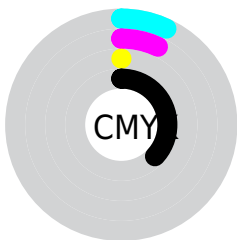
Distribution



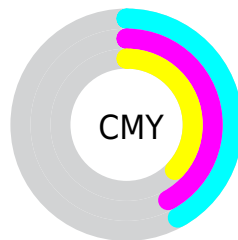
- Red (58%)
- Green (58%)
- Blue (63%)



- Red (58%)
- Yellow (58%)
- Blue (63%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4870, 30.4225, 37.5757 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 29.4870, 30.4225, 37.5757 by changing the saturation by 10% instead.

■ 29.4870, 30.4225,
37.5757

■ 29.4870, 30.4225,
37.5757

291.4588,
303.8689, 351.0398

■ 19.5957, 20.1595,
25.3543

■ 58.2422, 60.3297,
72.6535

■ 12.2080, 12.5110,
16.1198

■ 77.8367, 80.7427,
96.3470

■ 6.9587, 7.0927,
9.4537

101.3964,
105.3078, 124.7016

■ 3.4824, 3.5202,
4.9374

129.2865,
134.4094, 158.1358

■ 1.4137, 1.4089,
2.1525

161.8724,
168.4319, 197.0682

■ 0.2660, 0.2233,
0.6468

199.5196,

■ 0.0000, 0.0000,

207.7598, 241.9173

0.0000

242.5932,
252.7773, 293.1016

■ 29.4870, 30.4225,
37.5757

■ 29.4870, 30.4225,
37.5757

■ 24.4068, 24.3017,
36.6625

■ 35.3177, 37.4478,
38.6249

■ 20.0440, 19.0451,
35.8778

■ 41.9248, 45.4084,
39.8132

■ 16.3672, 14.6150,
35.2165

■ 49.3362, 54.3379,
41.1461

■ 13.3415, 10.9692,
34.6723

■ 57.5779, 64.2677,
42.6284

■ 10.9290, 8.0622,
34.2383

■ 66.6743, 75.2272,
44.2644

■ 9.0877, 5.8435,
33.9071

■ 76.6491, 87.2451,
46.0583

■ 7.7707, 4.2563,
33.6702

■ 83.3453, 95.3181,
47.2636

■ 6.9233, 3.2350,
33.5177

■ 6.4625, 2.6797,
33.4348

Harmonies

Analogous

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



28.6633, 30.4225, 37.8388



29.4870, 30.4225, 37.5757



30.1696, 30.4225, 36.0901

Triad

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



29.4870, 30.4225, 37.5757



29.9333, 30.4225, 29.7092



27.3705, 30.4225, 32.4054

Complementary

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



29.4870, 30.4225, 37.5757



32.4929, 34.7847, 33.4358

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.



27.6970, 30.4225, 30.3267



29.4870, 30.4225, 37.5757



29.1695, 30.4225, 28.8197

Square

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



29.4870, 30.4225, 37.5757



30.4306, 30.4225, 31.5258



28.3518, 30.4225, 29.0403



27.4518, 30.4225, 34.7772

Rectangle

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



29.4870, 30.4225, 37.5757



30.4476, 30.4225, 34.6439



28.3518, 30.4225, 29.0403



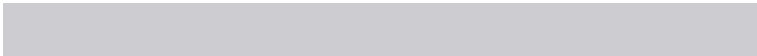
27.4360, 30.4225, 31.6511

Sweetspot

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



29.4879, 30.4238, 37.5764



58.4872, 61.1998, 69.1167



31.2948, 34.0633, 38.0996



12.8550, 13.4557, 15.1633



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.



29.4879, 30.4238, 37.5764



52.2858, 53.7280, 68.0013



30.4799, 30.9346, 37.6227



6.2849, 6.4355, 8.3176



4.9431, 1.9778, 26.0285



0.0884, 0.0354, 0.4654

Inverse Universe

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



30.6701, 31.1390, 32.8292



54.8104, 55.2552, 57.8643



31.4530, 34.2493, 33.3873



6.6331, 6.6462, 6.9192



11.2933, 5.8219, 0.5294



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 29.4870, 30.4225, 37.5757 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 29.4870, 30.4225, 37.5757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

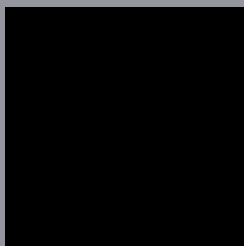
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

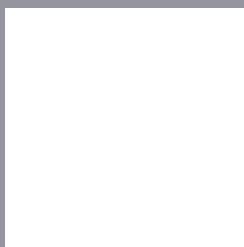
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4870, 30.4225, 37.5757

Background



This preview shows how black text looks on a background with the XYZ color 29.4870, 30.4225, 37.5757.



This preview shows how white text looks on a background with the XYZ color 29.4870, 30.4225,

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

29.4870, 30.4225, 37.5757

Protanopia

29.4870, 30.4225, 37.5757

Deuteranopia

30.8565, 30.1949, 37.9201



Tritanopia

29.5749, 30.4577, 38.0384

Trichromacy



Original Color

29.4870, 30.4225, 37.5757

Protanomaly

29.4870, 30.4225, 37.5757

Deuteranomaly

30.2295, 30.0995, 37.9347

Tritanomaly

29.5749, 30.4577, 38.0384

Monochromacy



Original Color

29.4870, 30.4225, 37.5757

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.3168, 30.6298, 34.9388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4870, 30.4225, 37.5757 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(149, 149, 160)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 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(149, 149, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.4870, 30.4225, 37.5757 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(149, 149, 160) }
```


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

```
.border{ border-color:rgb(149, 149, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 160);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4870, 30.4225, 37.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 160) }
```

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

```
.background{ background-color: rgb(149,  
149, 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](#).

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