

Converting Colors

XYZ(29.1247, 30.4063, 29.6186)

Have a look what the booklet for
XYZ(29.1247, 30.4063, 29.6186)
contains.

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Color

**XYZ(29.0727, 30.3865,
29.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	9B958D
RGB	155, 149, 141
RGB Percent	61%, 58%, 55%
CMY	0.3922, 0.4157, 0.4471
CMYK	0.00, 0.04, 0.09, 0.39
HSL	34°, 7%, 58%
HSV	34°, 9%, 61%
XYZ	29.0727, 30.3865, 29.5322
YIQ	149.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

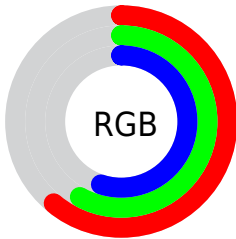
Format	Color
RYB	152, 155, 141
Decimal	10196365
CIELab	61.99, 0.74, 5.00
CIELCh	62, 5.052, 81.573
Yxy	30.3865, 0.3267, 0.3415
Android (android.graphics.Color)	4288386445 (0xFF9B958D)
YUV	149.8820, -4.3788, 4.4885
Hunter-Lab	55.1240, -2.3250, 6.8226

Details

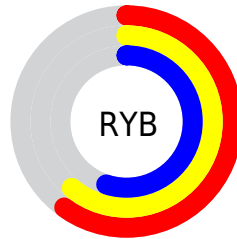
The XYZ color **29.0727, 30.3865, 29.5322** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3346, 28.8962, 35.1475**, and the grayscale version is **28.9562, 30.4642, 33.1755**.

A 20% lighter version of the original color is **57.5008, 60.2073, 60.2203**, and **11.9649, 12.4338, 11.6669** is the 20% darker color. If you saturate the color by 10%, you get **26.9787, 27.9167, 23.5368**, and if you desaturate by 10%, it is **31.3897, 33.0434, 36.3991**.

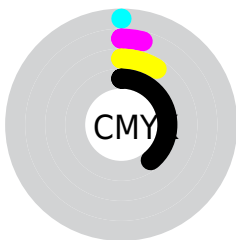
Distribution



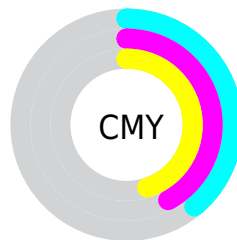
- Red (61%)
- Green (58%)
- Blue (55%)



- Red (60%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0727, 30.3865, 29.5322 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 29.0727, 30.3865, 29.5322 by changing the saturation by 10% instead.

■ 29.0727, 30.3865,
29.5322

■ 29.0727, 30.3865,
29.5322

289.5458,
303.7019, 313.8570

■ 19.2804, 20.1321,
19.2348

■ 57.5893, 60.2729,
59.9738

■ 11.9783, 12.4911,
11.6615

■ 77.0444, 80.6737,
80.9551

■ 6.8010, 7.0791,
6.3939

■ 100.4510,
105.2254, 106.3347

■ 3.3832, 3.5116,
3.0134

128.1746,
134.3125, 136.5312

■ 1.3595, 1.4043,
1.1015

160.5805,
168.3192, 171.9631

■ 0.2271, 0.2199,
0.0000

198.0341,

■ 0.0000, 0.0000,

207.6301, 213.0490

0.0000

240.9008,
252.6296, 260.2075

■ 29.0727, 30.3865,
29.5322

■ 29.0727, 30.3865,
29.5322

■ 26.9787, 27.9167,
23.5368

■ 31.3897, 33.0434,
36.3991

■ 25.0976, 25.6252,
18.3755

■ 33.9345, 35.8878,
44.1689

■ 23.4221, 23.5086,
14.0111

■ 36.7147, 38.9252,
52.8738

■ 21.9433, 21.5618,
10.4026

■ 39.7370, 42.1598,
62.5441

■ 20.6519, 19.7791,
7.5056

■ 43.0077, 45.5956,
73.2083

■ 19.5375, 18.1547,
5.2709

■ 46.5328, 49.2364,
84.8941

■ 18.5885, 16.6821,
3.6427

■ 50.3181, 53.0859,
97.6278

■ 17.7914, 15.3541,
2.5563

■ 52.7167, 56.4866,
102.7323

■ 17.1189, 14.1578,
1.8736

■ 54.3095, 59.6723,
103.2632

Harmonies

Analogous

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



29.6983, 30.3865, 30.2494



29.0727, 30.3865, 29.5322



28.4053, 30.3865, 29.7375

Triad

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



29.0727, 30.3865, 29.5322



27.6874, 30.3865, 34.4759



29.9136, 30.3865, 35.4580

Complementary

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



29.0727, 30.3865, 29.5322



27.3346, 28.8962, 35.1475

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.



29.3629, 30.3865, 36.6763



29.0727, 30.3865, 29.5322



28.0797, 30.3865, 36.0940

Square

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



29.0727, 30.3865, 29.5322



27.6124, 30.3865, 32.5422



28.6911, 30.3865, 36.9135



30.1888, 30.3865, 33.6352

Rectangle

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



29.0727, 30.3865, 29.5322



28.0260, 30.3865, 30.3736



28.6911, 30.3865, 36.9135



29.7542, 30.3865, 35.9547

Sweetspot

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



29.0735, 30.3878, 29.5329



54.4964, 57.2215, 60.0436



28.3145, 28.1274, 31.5684



12.2617, 12.8679, 13.3730



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0735, 30.3878, 29.5329



51.2150, 53.4271, 50.4152



29.8685, 32.2427, 29.8490



6.4871, 6.7793, 6.5725



13.7387, 11.3597, 1.4685



0.2414, 0.2419, 0.0340

Inverse Universe

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



27.3346, 28.8962, 35.1475



47.4042, 50.1584, 62.7194



26.5856, 27.1617, 34.8521



6.0912, 6.4397, 7.8509



6.3720, 5.1407, 25.5641



0.1303, 0.1470, 0.3939

Previews

White Background



This preview shows how the XYZ color 29.0727, 30.3865, 29.5322 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 29.0727, 30.3865, 29.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

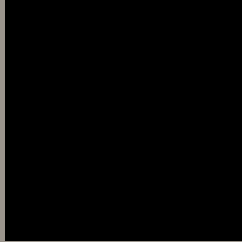
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

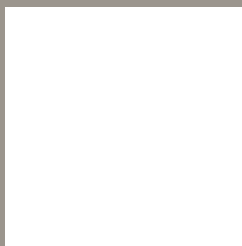
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0727, 30.3865, 29.5322

Background



This preview shows how black text looks on a background with the XYZ color 29.0727, 30.3865, 29.5322.



This preview shows how white text looks on a background with the XYZ color 29.0727, 30.3865,

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

29.0727, 30.3865, 29.5322

Protanopia

28.8816, 30.2880, 29.5232

Deuteranopia

30.9442, 30.4193, 29.8318



Tritanopia

30.3551, 30.1945, 36.5760

Trichromacy



Original Color

29.0727, 30.3865, 29.5322

Protanomaly

28.8816, 30.2880, 29.5232

Deuteranomaly

30.2656, 30.2973, 29.8440

Tritanomaly

29.8115, 30.2024, 33.9642

Monochromacy



Original Color

29.0727, 30.3865, 29.5322

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1217, 30.5947, 31.9742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0727, 30.3865, 29.5322 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(155, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(155, 149, 141)  
}
```

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(155, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 149, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.0727, 30.3865, 29.5322 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(155, 149, 141) }
```


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

```
.border{ border-color:rgb(155, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(155, 149,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0727, 30.3865, 29.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 149, 141) }
```

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

```
.background{ background-color: rgb(155,  
149, 141) }
```

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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