

Converting Colors

XYZ(26.9317, 30.8061, 41.8808)

Have a look what the booklet for
XYZ(26.9317, 30.8061, 41.8808)
contains.

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Color

**XYZ(26.9351, 30.7065,
42.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	799CA9
RGB	121, 156, 169
RGB Percent	47%, 61%, 66%
CMY	0.5255, 0.3882, 0.3373
CMYK	0.28, 0.08, 0.00, 0.34
HSL	196°, 22%, 57%
HSV	196°, 28%, 66%
XYZ	26.9351, 30.7065, 42.0434
YIQ	147.0170, -25.0330, -3.3770

Conversions

Conversions Part 2

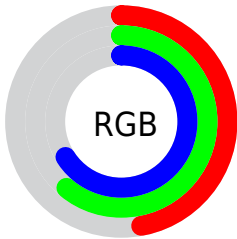
Format	Color
RYB	121, 141, 169
Decimal	7969961
CIELab	62.26, -8.90, -10.71
CIELCh	62, 13.927, 230.260
Yxy	30.7065, 0.2702, 0.3080
Android (android.graphics.Color)	4286160041 (0xFF799CA9)
YUV	147.0170, 10.8376, -22.8169
Hunter-Lab	55.4134, -10.2091, -6.1952

Details

The XYZ color **26.9351, 30.7065, 42.0434** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.3389, 26.8659, 21.7820**, and the grayscale version is **27.7050, 29.1478, 31.7420**.

A 20% lighter version of the original color is **53.9567, 60.4737, 79.3498**, and **10.8610, 12.7271, 18.7138** is the 20% darker color. If you saturate the color by 10%, you get **24.0177, 28.0846, 41.6916**, and if you desaturate by 10%, it is **30.2982, 33.6026, 42.4257**.

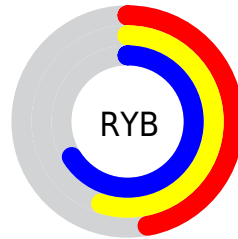
Distribution



Red (47%)

Green (61%)

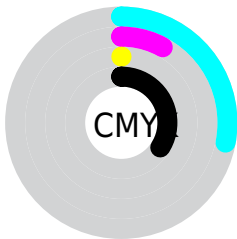
Blue (66%)



Red (47%)

Yellow (55%)

Blue (66%)

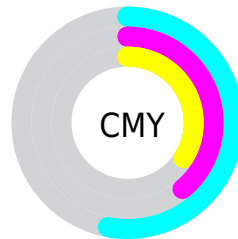


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9351, 30.7065, 42.0434 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 26.9351, 30.7065, 42.0434 by changing the saturation by 10% instead.

■ 26.9351, 30.7065,
42.0434

■ 26.9351, 30.7065,
42.0434

279.5160,
305.1839, 370.4678

■ 17.6608, 20.3755,
28.8095

■ 54.2003, 60.7777,
79.5361

■ 10.8050, 12.6683,
18.6924

■ 72.9220, 81.2866,
104.6319

■ 6.0022, 7.2005,
11.2737

■ 95.5235, 105.9570,
134.5188

■ 2.8871, 3.5878,
6.1347

122.3702,
135.1732, 169.6153

■ 1.0943, 1.4458,
2.8571

153.8274,
169.3195, 210.3399

■ 0.0204, 0.2501,
1.0221

190.2606,

■ 0.0000, 0.0000,

208.7805, 257.1111

0.0000

232.0350,
253.9405, 310.3476

■ 26.9351, 30.7065,
42.0434

■ 26.9351, 30.7065,
42.0434

■ 24.0177, 28.0846,
41.6916

■ 30.2982, 33.6026,
42.4257

■ 21.5214, 25.7215,
41.3670

■ 34.1246, 36.7803,
42.8373

■ 19.4229, 23.6055,
41.0692

■ 38.4343, 40.2510,
43.2801

■ 17.6960, 21.7226,
40.7968

■ 43.2452, 44.0244,
43.7549

■ 16.3108, 20.0569,
40.5483

■ 48.5745, 48.1098,
44.2626

■ 15.2323, 18.5899,
40.3220

■ 54.4383, 52.5158,
44.8040

■ 14.3990, 17.2893,
40.1149

■ 60.8520, 57.2511,
45.3799

■ 14.2738, 17.0892,
40.0828

■ 67.3865, 62.0946,
45.9704

■ 68.4113, 64.1442,
46.3120

Harmonies

Analogous

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



25.9241, 30.7065, 37.1488



26.9351, 30.7065, 42.0434



28.5783, 30.7065, 44.7107

Triad

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



26.9351, 30.7065, 42.0434



32.8953, 30.7065, 35.2163



27.9517, 30.7065, 24.6321

Complementary

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



26.9351, 30.7065, 42.0434



28.3389, 26.8659, 21.7820

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.



29.8014, 30.7065, 24.2335



26.9351, 30.7065, 42.0434



32.7098, 30.7065, 29.9758

Square

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



26.9351, 30.7065, 42.0434



32.0544, 30.7065, 40.4989



31.5581, 30.7065, 26.0886



26.4933, 30.7065, 27.2428

Rectangle

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



26.9351, 30.7065, 42.0434



29.8342, 30.7065, 44.6909



31.5581, 30.7065, 26.0886



28.5465, 30.7065, 24.2467

Sweetspot

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



26.9360, 30.7077, 42.0441



60.5638, 65.4201, 76.6604



26.3629, 34.1571, 27.6855



12.9818, 14.0794, 16.6855



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.9360, 30.7077, 42.0441



44.9051, 52.0232, 74.8998



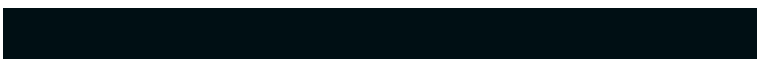
23.3257, 23.4871, 40.8407



7.5732, 8.1833, 9.5987



10.6841, 12.8283, 29.8885



0.2989, 0.3901, 0.7402

Inverse Universe

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



29.2011, 24.5109, 34.6459



49.7106, 39.4060, 59.0852



32.0067, 34.2017, 23.0046



7.7539, 7.6314, 9.0213



14.8934, 7.3661, 14.7821



0.3820, 0.1871, 0.4633

Previews

White Background



This preview shows how the XYZ color 26.9351, 30.7065, 42.0434 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 26.9351, 30.7065, 42.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

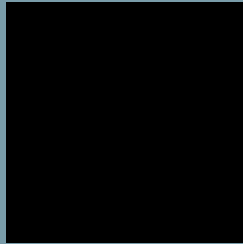
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9351, 30.7065, 42.0434

Background



This preview shows how black text looks on a background with the XYZ color 26.9351, 30.7065, 42.0434.



This preview shows how white text looks on a background with the XYZ color 26.9351, 30.7065,

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

26.9351, 30.7065, 42.0434

Protanopia

29.7517, 30.5074, 39.9177

Deuteranopia

31.1471, 30.4666, 42.7671



Tritanopia

26.9351, 30.7065, 42.0434

Trichromacy



Original Color

26.9351, 30.7065, 42.0434

Protanomaly

28.5924, 30.6129, 40.4783

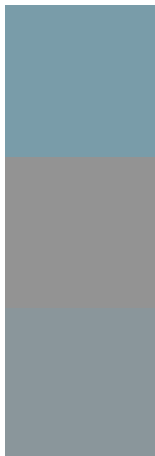
Deuteranomaly

29.4897, 30.5546, 42.3736

Tritanomaly

26.9351, 30.7065, 42.0434

Monochromacy



Original Color

26.9351, 30.7065, 42.0434

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3040, 29.5825, 35.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9351, 30.7065, 42.0434 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(121, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 169)  
}
```

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(121, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.9351, 30.7065, 42.0434 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(121, 156, 169) }
```


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

```
.border{ border-color:rgb(121, 156, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9351, 30.7065, 42.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 169) }
```

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

```
.background{ background-color: rgb(121,  
156, 169) }
```

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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