

Converting Colors

XYZ(29.1265, 34.1652, 41.0295)

Have a look what the booklet for
XYZ(29.1265, 34.1652, 41.0295)
contains.

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Color

**XYZ(29.2402, 34.2526,
41.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	80A5A6
RGB	128, 165, 166
RGB Percent	50%, 65%, 65%
CMY	0.4980, 0.3529, 0.3490
CMYK	0.23, 0.01, 0.00, 0.35
HSL	182°, 18%, 58%
HSV	182°, 23%, 65%
XYZ	29.2402, 34.2526, 41.1467
YIQ	154.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

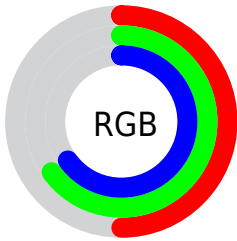
Format	Color
R_{YB}	128, 147, 166
Decimal	8431014
CIE _{Lab}	65.16, -12.30, -4.66
CIE _{LCh}	65, 13.158, 200.743
Yxy	34.2526, 0.2794, 0.3273
Android (android.graphics.Color)	4286621094 (0xFF80A5A6)
YUV	154.0510, 5.8909, -22.8467
Hunter-Lab	58.5257, -13.2391, -0.7160

Details

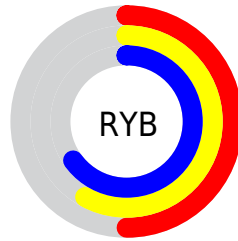
The XYZ color **29.2402, 34.2526, 41.1467** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4729, 25.3664, 23.8711**, and the grayscale version is **30.7203, 32.3202, 35.1967**.

A 20% lighter version of the original color is **57.9357, 66.3519, 78.1603**, and **12.0843, 14.6449, 18.1094** is the 20% darker color. If you saturate the color by 10%, you get **26.8665, 32.9132, 41.0138**, and if you desaturate by 10%, it is **32.0247, 35.8059, 41.3003**.

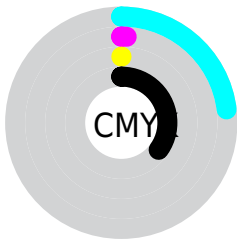
Distribution



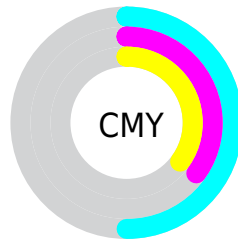
- Red (50%)
- Green (65%)
- Blue (65%)



- Red (50%)
- Yellow (58%)
- Blue (65%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2402, 34.2526, 41.1467 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 29.2402, 34.2526, 41.1467 by changing the saturation by 10% instead.

■ 29.2402, 34.2526,
41.1467

■ 29.2402, 34.2526,
41.1467

290.3204,
321.2569, 366.6282

■ 19.4078, 23.0877,
28.1132

■ 57.8534, 66.3263,
78.1626

■ 12.0711, 14.6583,
18.1712

■ 77.3649, 88.0039,
102.9821

■ 6.8646, 8.5799,
10.9023

■ 100.8336,
113.9545, 132.5673

■ 3.4232, 4.4682,
5.8878

128.6246,
144.5626, 167.3368

■ 1.3813, 1.9388,
2.7093

161.1035,
180.2124, 207.7091

■ 0.2428, 0.5715,
0.9481

198.6355,

■ 0.0000, 0.0000,

221.2885, 254.1027

0.0000

241.5860,
268.1752, 306.9362

■ 29.2402, 34.2526,
41.1467

■ 29.2402, 34.2526,
41.1467

■ 26.8665, 32.9132,
41.0138

■ 32.0247, 35.8059,
41.3003

■ 24.8808, 31.7734,
40.8985

■ 35.2354, 37.5784,
41.4732

■ 23.2625, 30.8234,
40.8004

■ 38.8908, 39.5806,
41.6670

■ 21.9880, 30.0510,
40.7185

■ 43.0072, 41.8208,
41.8825

■ 21.0311, 29.4427,
40.6515

■ 47.6002, 44.3072,
42.1203

■ 20.3616, 28.9830,
40.5981

■ 52.6846, 47.0472,
42.3812

■ 19.9436, 28.6533,
40.5565

■ 58.2747, 50.0484,
42.6659

■ 19.7402, 28.4676,
40.5313

■ 62.2166, 52.2002,
42.8735

■ 62.2975, 52.3621,
42.9004

Harmonies

Analogous

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



29.0634, 34.2526, 35.6283



29.2402, 34.2526, 41.1467



30.2864, 34.2526, 46.0487

Triad

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



29.2402, 34.2526, 41.1467



35.4841, 34.2526, 44.3565



33.1506, 34.2526, 27.8458

Complementary

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



29.2402, 34.2526, 41.1467



27.4729, 25.3664, 23.8711

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.



34.9364, 34.2526, 29.7280



29.2402, 34.2526, 41.1467



36.3179, 34.2526, 39.0134

Square

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



29.2402, 34.2526, 41.1467



33.8745, 34.2526, 48.0241



36.1136, 34.2526, 33.6920



31.2723, 34.2526, 28.2966

Rectangle

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



29.2402, 34.2526, 41.1467



31.3595, 34.2526, 48.1346



36.1136, 34.2526, 33.6920



33.7827, 34.2526, 28.2191

Sweetspot

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



29.2412, 34.2540, 41.1475



61.3808, 66.7865, 75.1312



26.4772, 33.4376, 25.7008



13.6621, 14.9049, 16.8090



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.



29.2412, 34.2540, 41.1475



50.9919, 60.9983, 74.5616



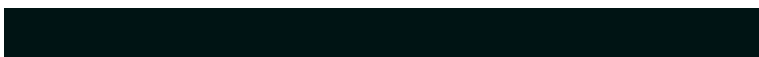
26.1213, 28.0142, 40.1075



7.7304, 8.4977, 9.6511



15.3129, 22.0861, 31.4315



0.3776, 0.5475, 0.7664

Inverse Universe

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



30.2374, 26.2628, 39.0743



53.0998, 44.1621, 70.1589



30.1553, 30.7312, 24.7653



7.8333, 7.6632, 9.4392



17.2299, 8.3007, 27.0857



0.4218, 0.2030, 0.6724

Previews

White Background



This preview shows how the XYZ color 29.2402, 34.2526, 41.1467 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 29.2402, 34.2526, 41.1467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

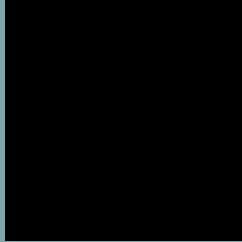
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

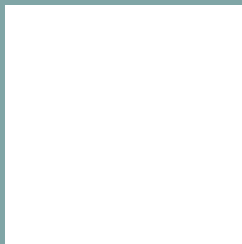
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2402, 34.2526, 41.1467

Background



This preview shows how black text looks on a background with the XYZ color 29.2402, 34.2526, 41.1467.

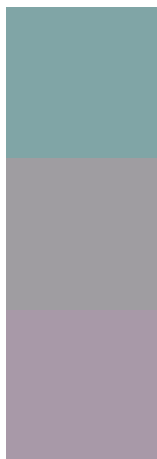


This preview shows how white text looks on a background with the XYZ color 29.2402, 34.2526,

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

29.2402, 34.2526, 41.1467

Protanopia

32.7881, 34.0581, 38.5640

Deuteranopia

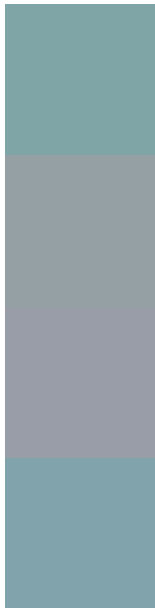
34.6076, 33.9344, 41.7718



Tritanopia

30.1396, 34.0748, 46.0629

Trichromacy



Original Color

29.2402, 34.2526, 41.1467

Protanomaly

31.3944, 34.0819, 39.5741

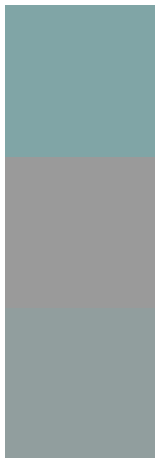
Deuteranomaly

32.1689, 33.6763, 41.3639

Tritanomaly

29.7751, 34.1966, 44.0610

Monochromacy



Original Color

29.2402, 34.2526, 41.1467

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.0755, 32.9421, 37.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2402, 34.2526, 41.1467 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(128, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 165, 166)  
}
```

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(128, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 165, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.2402, 34.2526, 41.1467 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(128, 165, 166) }
```


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

```
.border{ border-color:rgb(128, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 165,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2402, 34.2526, 41.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 165, 166) }
```

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

```
.background{ background-color: rgb(128,  
165, 166) }
```

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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