

Converting Colors

XYZ(29.1471, 35.0660, 36.8766)

Have a look what the booklet for
XYZ(29.1471, 35.0660, 36.8766)
contains.

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Color

**XYZ(29.2093, 35.1514,
36.6979)**

Conversions

Conversions Part 1

Format	Color
Hex	82A89C
RGB	130, 168, 156
RGB Percent	51%, 66%, 61%
CMY	0.4902, 0.3412, 0.3882
CMYK	0.23, 0.00, 0.07, 0.34
HSL	161°, 18%, 58%
HSV	161°, 23%, 66%
XYZ	29.2093, 35.1514, 36.6979
YIQ	155.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

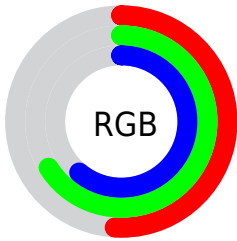
Format	Color
RYB	130, 153, 168
Decimal	8562844
CIELab	65.87, -15.46, 1.96
CIELCh	66, 15.582, 172.757
Yxy	35.1514, 0.2890, 0.3478
Android (android.graphics.Color)	4286752924 (0xFF82A89C)
YUV	155.2700, 0.3599, -22.1618
Hunter-Lab	59.2886, -15.8148, 4.8033

Details

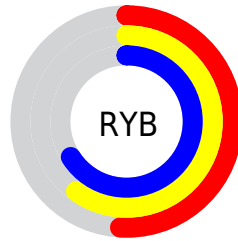
The XYZ color **29.2093, 35.1514, 36.6979** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0148, 26.2440, 29.1290**, and the grayscale version is **31.2805, 32.9095, 35.8385**.

A 20% lighter version of the original color is **57.7877, 67.6188, 70.9788**, and **12.1035, 15.2162, 15.6637** is the 20% darker color. If you saturate the color by 10%, you get **26.4004, 33.7551, 34.2725**, and if you desaturate by 10%, it is **32.4606, 36.7754, 39.2480**.

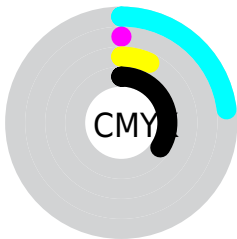
Distribution



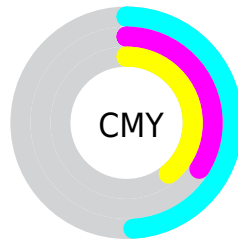
- Red (51%)
- Green (66%)
- Blue (61%)



- Red (51%)
- Yellow (60%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2093, 35.1514, 36.6979 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 29.2093, 35.1514, 36.6979 by changing the saturation by 10% instead.

■ 29.2093, 35.1514,
36.6979

■ 29.2093, 35.1514,
36.6979

290.1776,
325.2361, 347.1300

■ 19.3843, 23.7795,
24.6797

■ 57.8047, 67.7202,
71.2890

■ 12.0539, 15.1702,
15.6218

■ 77.3058, 89.6860,
94.6991

■ 6.8529, 8.9389,
9.1055

■ 100.7630,
115.9518, 122.7435

■ 3.4158, 4.7013,
4.7123

128.5417,
146.9022, 155.8408

■ 1.3773, 2.0731,
2.0237

161.0071,
182.9213, 194.4096

■ 0.2399, 0.6494,
0.5698

198.5246,

■ 0.0000, 0.0000,

224.3938, 238.8683

0.0000

241.4597,
271.7039, 289.6356

■ 29.2093, 35.1514,
36.6979

■ 29.2093, 35.1514,
36.6979

■ 26.4004, 33.7551,
34.2725

■ 32.4606, 36.7754,
39.2480

■ 24.0103, 32.5715,
31.9671

■ 36.1705, 38.6326,
41.9226

■ 22.0177, 31.5906,
29.7802

■ 40.3582, 40.7337,
44.7245

■ 20.3979, 30.7997,
27.7093

■ 45.0407, 43.0876,
47.6558

■ 19.1238, 30.1849,
25.7517

■ 50.2344, 45.7026,
50.7185

■ 18.1642, 29.7301,
23.9046

■ 55.9545, 48.5867,
53.9144

■ 17.4818, 29.4162,
22.1648

■ 62.2161, 51.7474,
57.2454

■ 17.0945, 29.2431,
20.9459

■ 65.4883, 53.3646,
60.5474

■ 66.1131, 53.6145,
63.8375

Harmonies

Analogous

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



30.0094, 35.1514, 31.1038



29.2093, 35.1514, 36.6979



29.4929, 35.1514, 43.3894

Triad

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



29.2093, 35.1514, 36.6979



35.1518, 35.1514, 51.1929



36.1611, 35.1514, 29.0441

Complementary

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



29.2093, 35.1514, 36.6979



29.0148, 26.2440, 29.1290

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.



37.6602, 35.1514, 33.5772



29.2093, 35.1514, 36.6979



37.0590, 35.1514, 46.4690

Square

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



29.2093, 35.1514, 36.6979



32.8554, 35.1514, 52.2755



37.9961, 35.1514, 39.8944



33.9715, 35.1514, 27.0264

Rectangle

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



29.2093, 35.1514, 36.6979



30.2649, 35.1514, 47.5401



37.9961, 35.1514, 39.8944



36.7665, 35.1514, 30.2975

Sweetspot

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



29.2103, 35.1529, 36.6987



62.4931, 68.5280, 73.8547



29.1941, 35.3722, 26.4085



13.5389, 14.8951, 16.0382



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.



29.2103, 35.1529, 36.6987



50.4204, 62.5007, 64.4179



29.0256, 33.0757, 41.9020



7.6452, 8.4911, 9.1177



12.9324, 22.0917, 15.9429



0.3362, 0.5461, 0.5016

Inverse Universe

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



29.0148, 26.2440, 29.1290



50.0054, 43.5253, 48.3021



29.1198, 27.8193, 24.9545



7.6251, 7.5799, 8.3430



12.7019, 6.4895, 3.2420



0.3320, 0.1671, 0.1998

Previews

White Background



This preview shows how the XYZ color 29.2093, 35.1514, 36.6979 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 29.2093, 35.1514, 36.6979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

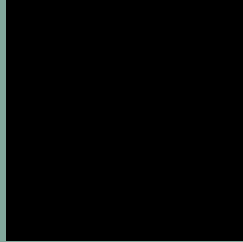
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2093, 35.1514, 36.6979

Background



This preview shows how black text looks on a background with the XYZ color 29.2093, 35.1514, 36.6979.



This preview shows how white text looks on a background with the XYZ color 29.2093, 35.1514,

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

29.2093, 35.1514, 36.6979

Protanopia

33.2939, 34.9232, 34.2642

Deuteranopia

35.4928, 34.7284, 37.6335



Tritanopia

31.3225, 35.1930, 47.2615

Trichromacy



Original Color

29.2093, 35.1514, 36.6979

Protanomaly

31.6190, 34.8160, 35.1906

Deuteranomaly

32.8678, 34.6358, 37.3008

Tritanomaly

30.5648, 35.1613, 43.2061

Monochromacy



Original Color

29.2093, 35.1514, 36.6979

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3413, 33.6192, 35.9003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2093, 35.1514, 36.6979 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(130, 168, 156)` looks like.

```
.text, #text, p{  
    color:rgb(130, 168, 156)  
}
```

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(130, 168, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 168, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.2093, 35.1514, 36.6979 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(130, 168, 156) }
```


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

```
.border{ border-color:rgb(130, 168, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 168, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 168, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 168, 156);  
box-shadow:4px 4px 4px 4px rgb(130, 168,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2093, 35.1514, 36.6979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 168, 156) }
```

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

```
.background{ background-color: rgb(130,  
168, 156) }
```

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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