

Converting Colors

XYZ(26.9134, 29.7577, 35.4723)

Have a look what the booklet for
XYZ(26.9134, 29.7577, 35.4723)
contains.

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Color

**XYZ(26.9761, 29.8914,
35.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	86989B
RGB	134, 152, 155
RGB Percent	53%, 60%, 61%
CMY	0.4745, 0.4039, 0.3922
CMYK	0.14, 0.02, 0.00, 0.39
HSL	189°, 10%, 57%
HSV	189°, 14%, 61%
XYZ	26.9761, 29.8914, 35.3582
YIQ	146.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

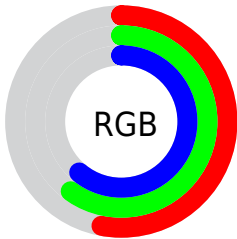
Format	Color
RYB	134, 144, 155
Decimal	8820891
CIELab	61.56, -5.73, -3.74
CIELCh	62, 6.841, 213.188
Yxy	29.8914, 0.2925, 0.3241
Android (android.graphics.Color)	4287010971 (0xFF86989B)
YUV	146.9600, 3.9637, -11.3659
Hunter-Lab	54.6730, -7.6045, -0.0730

Details

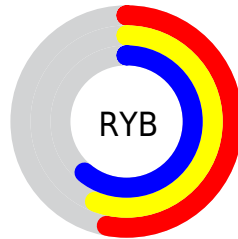
The XYZ color **26.9761, 29.8914, 35.3582** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7664, 26.5808, 26.2744**, and the grayscale version is **27.7049, 29.1477, 31.7419**.

A 20% lighter version of the original color is **54.0734, 59.3109, 68.9198**, and **10.8085, 12.1917, 14.8803** is the 20% darker color. If you saturate the color by 10%, you get **24.3289, 27.9994, 35.1330**, and if you desaturate by 10%, it is **29.9938, 31.9860, 35.6039**.

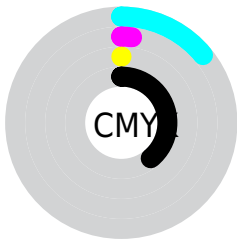
Distribution



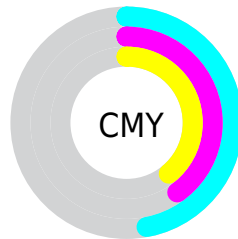
- Red (53%)
- Green (60%)
- Blue (61%)



- Red (53%)
- Yellow (56%)
- Blue (61%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9761, 29.8914, 35.3582 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 26.9761, 29.8914, 35.3582 by changing the saturation by 10% instead.

■ 26.9761, 29.8914,
35.3582

■ 26.9761, 29.8914,
35.3582

279.7110,
301.3979, 341.0988

■ 17.6918, 19.7562,
23.6532

■ 54.2657, 59.4904,
69.1982

■ 10.8273, 12.2179,
14.8667

■ 73.0016, 79.7229,
92.1702

■ 6.0172, 6.8923,
8.5803

■ 95.6188, 104.0901,
119.7349

■ 2.8963, 3.3948,
4.3754

122.4826,
132.9761, 152.3110

■ 1.0992, 1.3412,
1.8335

153.9584,
166.7656, 190.3168

■ 0.0244, 0.1727,
0.4499

190.4115,

■ 0.0000, 0.0000,

205.8427, 234.1711

0.0000

232.2073,
250.5921, 284.2922

■ 26.9761, 29.8914,
35.3582

■ 26.9761, 29.8914,
35.3582

■ 24.3289, 27.9994,
35.1330

■ 29.9938, 31.9860,
35.6039

■ 22.0340, 26.2981,
34.9256

■ 33.3943, 34.2871,
35.8688

■ 20.0753, 24.7799,
34.7358

■ 37.1923, 36.8031,
36.1543

■ 18.4346, 23.4355,
34.5627

■ 41.4010, 39.5411,
36.4610

■ 17.0917, 22.2543,
34.4055

■ 46.0332, 42.5074,
36.7894

■ 16.0244, 21.2248,
34.2631

■ 51.1009, 45.7085,
37.1402

■ 15.2069, 20.3338,
34.1342

■ 56.6157, 49.1503,
37.5138

■ 14.6088, 19.5655,
34.0174

■ 61.4756, 52.2649,
37.8589

■ 14.2871, 19.1079,
33.9460

■ 61.8930, 53.0995,
37.9980

Harmonies

Analogous

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



26.7048, 29.8914, 32.8252



26.9761, 29.8914, 35.3582



27.6314, 29.8914, 37.2114

Triad

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



26.9761, 29.8914, 35.3582



29.9961, 29.8914, 34.8521



28.3140, 29.8914, 27.8097

Complementary

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



26.9761, 29.8914, 35.3582



26.7664, 26.5808, 26.2744

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.



29.2049, 29.8914, 28.2890



26.9761, 29.8914, 35.3582



30.1881, 29.8914, 32.2696

Square

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



26.9761, 29.8914, 35.3582



29.3763, 29.8914, 36.9085



29.8957, 29.8914, 29.8882



27.4668, 29.8914, 28.5428

Rectangle

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



26.9761, 29.8914, 35.3582



28.2045, 29.8914, 37.7627



29.8957, 29.8914, 29.8882



28.6183, 29.8914, 27.8345

Sweetspot

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



26.9770, 29.8926, 35.3589



53.4118, 57.0749, 63.7377



26.0543, 30.3119, 28.0697



11.9975, 12.8555, 14.4194



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.



26.9770, 29.8926, 35.3589



46.9367, 52.5615, 63.2078



25.3767, 26.6921, 34.8254



6.3094, 6.8762, 7.9237



11.4964, 15.3894, 27.2722



0.1899, 0.2662, 0.4137

Inverse Universe

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



27.7108, 26.2862, 33.3205



48.4979, 44.9614, 58.8551



28.3015, 29.6511, 26.7862



6.4233, 6.3085, 7.6092



14.2616, 6.9589, 18.4344



0.2223, 0.1077, 0.3236

Previews

White Background



This preview shows how the XYZ color 26.9761, 29.8914, 35.3582 looks on a white background.

Color Contrast Check

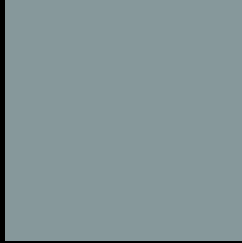
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9761, 29.8914, 35.3582 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 × Fail

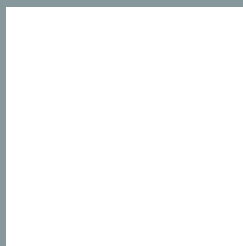
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9761, 29.8914, 35.3582

Background



This preview shows how black text looks on a background with the XYZ color 26.9761, 29.8914, 35.3582.



This preview shows how white text looks on a background with the XYZ color 26.9761, 29.8914,

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

26.9761, 29.8914, 35.3582

Protanopia

28.8351, 29.9308, 33.9632

Deuteranopia

30.3571, 29.7518, 36.0410



Tritanopia

27.6691, 29.9285, 38.9688

Trichromacy



Original Color

26.9761, 29.8914, 35.3582

Protanomaly

27.9988, 29.7241, 34.3986

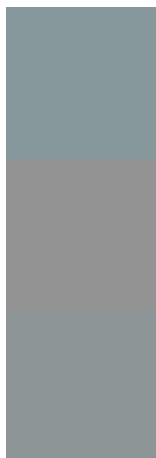
Deuteranomaly

29.0121, 29.7518, 35.6661

Tritanomaly

27.4034, 29.8222, 37.5696

Monochromacy



Original Color

26.9761, 29.8914, 35.3582

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.4078, 29.4477, 33.0936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9761, 29.8914, 35.3582 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(134, 152, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 155)  
}
```

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(134, 152, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 155) }
```

Border

The CSS property to change the border of an element to XYZ 26.9761, 29.8914, 35.3582 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(134, 152, 155) }
```


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

```
.border{ border-color:rgb(134, 152, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9761, 29.8914, 35.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 155) }
```

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

```
.background{ background-color: rgb(134,  
152, 155) }
```

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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