

Converting Colors

XYZ(26.7345, 30.0906, 34.3314)

Have a look what the booklet for
XYZ(26.7345, 30.0906, 34.3314)
contains.

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Color

**XYZ(26.6567, 29.9879,
34.5203)**

Conversions

Conversions Part 1

Format	Color
Hex	849999
RGB	132, 153, 153
RGB Percent	52%, 60%, 60%
CMY	0.4823, 0.4000, 0.4000
CMYK	0.14, 0.00, 0.00, 0.40
HSL	180°, 9%, 56%
HSV	180°, 14%, 60%
XYZ	26.6567, 29.9879, 34.5203
YIQ	146.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

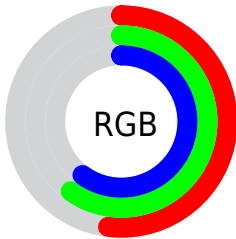
Format	Color
RYB	132, 143, 153
Decimal	8690073
CIELab	61.64, -7.39, -2.51
CIELCh	62, 7.800, 198.743
Yxy	29.9879, 0.2924, 0.3289
Android (android.graphics.Color)	4286880153 (0xFF849999)
YUV	146.7210, 3.0955, -12.9103
Hunter-Lab	54.7612, -8.9418, 0.9577

Details

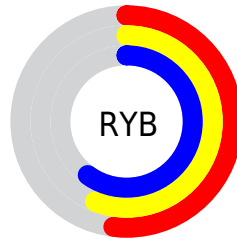
The XYZ color **26.6567, 29.9879, 34.5203** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5540, 24.9415, 25.2984**, and the grayscale version is **27.6100, 29.0479, 31.6331**.

A 20% lighter version of the original color is **53.5829, 59.4449, 67.6814**, and **10.6293, 12.2559, 14.3758** is the 20% darker color. If you saturate the color by 10%, you get **24.4375, 28.8447, 34.4164**, and if you desaturate by 10%, it is **29.2286, 31.3145, 34.6420**.

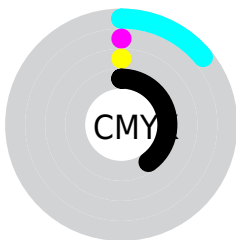
Distribution



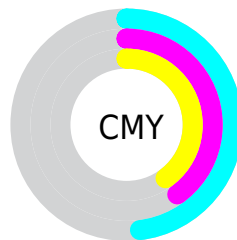
- Red (52%)
- Green (60%)
- Blue (60%)



- Red (52%)
- Yellow (56%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6567, 29.9879, 34.5203 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 26.6567, 29.9879, 34.5203 by changing the saturation by 10% instead.

■ 26.6567, 29.9879,
34.5203

■ 26.6567, 29.9879,
34.5203

278.1890,
301.8480, 337.2856

■ 17.4508, 19.8294,
23.0130

■ 53.7563, 59.6430,
67.8851

■ 10.6537, 12.2711,
14.3977

■ 72.3807, 79.9085,
90.5796

■ 5.9001, 6.9286,
8.2559

■ 94.8753, 104.3117,
117.8404

■ 2.8245, 3.4175,
4.1690

121.6055,
133.2371, 150.0858

■ 1.0616, 1.3534,
1.7185

152.9366,
167.0690, 187.7345

■ 0.0000, 0.1820,
0.3734

189.2340,

■ 0.0000, 0.0000,

206.1919, 231.2050

0.0000

230.8630,
250.9901, 280.9159

■ 26.6567, 29.9879,
34.5203

■ 26.6567, 29.9879,
34.5203

■ 24.4375, 28.8447,
34.4164

■ 29.2286, 31.3145,
34.6420

■ 22.5532, 27.8733,
34.3275

■ 32.1648, 32.8282,
34.7801

■ 20.9882, 27.0665,
34.2536

■ 35.4797, 34.5371,
34.9359

■ 19.7250, 26.4153,
34.1937

■ 39.1862, 36.4478,
35.1101

■ 18.7440, 25.9097,
34.1471

■ 43.2964, 38.5667,
35.3031

■ 18.0237, 25.5383,
34.1127

■ 47.8220, 40.8997,
35.5156

■ 17.5391, 25.2885,
34.0894

■ 52.7742, 43.4526,
35.7481

■ 17.2607, 25.1450,
34.0756

■ 58.1638, 46.2311,
36.0010

■ 17.1405, 25.0831,
34.0696

■ 58.3828, 46.3440,
36.0120

Harmonies

Analogous

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



26.5923, 29.9879, 31.5502



26.6567, 29.9879, 34.5203



27.2085, 29.9879, 37.1332

Triad

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



26.6567, 29.9879, 34.5203



30.0272, 29.9879, 36.5620



28.8934, 29.9879, 27.3677

Complementary

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



26.6567, 29.9879, 34.5203



25.5540, 24.9415, 25.2984

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.



29.8371, 29.9879, 28.5462



26.6567, 29.9879, 34.5203



30.5022, 29.9879, 33.7786

Square

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



26.6567, 29.9879, 34.5203



29.1478, 29.9879, 38.3604



30.4318, 29.9879, 30.8518



27.8670, 29.9879, 27.5395

Rectangle

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



26.6567, 29.9879, 34.5203



27.7862, 29.9879, 38.2651



30.4318, 29.9879, 30.8518



29.2313, 29.9879, 27.6160

Sweetspot

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



26.6576, 29.9891, 34.5210



52.1693, 55.9888, 62.0288



25.1275, 29.3834, 26.1775



11.4435, 12.3237, 13.6929



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.6576, 29.9891, 34.5210



46.6496, 53.1433, 61.7689



25.0663, 26.8063, 33.9914



6.3846, 7.0266, 7.9486



14.1656, 20.7297, 28.1566



0.2118, 0.3099, 0.4210

Inverse Universe

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



25.5540, 24.9415, 25.2984



44.3417, 42.5867, 42.4807



26.9981, 27.8300, 25.7790



6.2088, 6.2227, 6.4798



10.8575, 5.5972, 0.5085



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 26.6567, 29.9879, 34.5203 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 26.6567, 29.9879, 34.5203 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

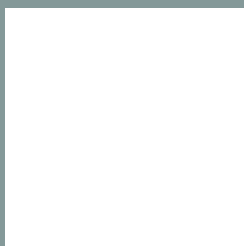
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6567, 29.9879, 34.5203

Background



This preview shows how black text looks on a background with the XYZ color 26.6567, 29.9879, 34.5203.



This preview shows how white text looks on a background with the XYZ color 26.6567, 29.9879,

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

26.6567, 29.9879, 34.5203

Protanopia

28.8574, 29.9611, 33.1163

Deuteranopia

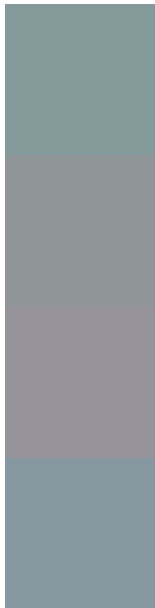
30.3869, 29.7867, 35.1582



Tritanopia

27.5090, 29.8459, 38.9613

Trichromacy



Original Color

26.6567, 29.9879, 34.5203

Protanomaly

27.9939, 29.9764, 33.5887

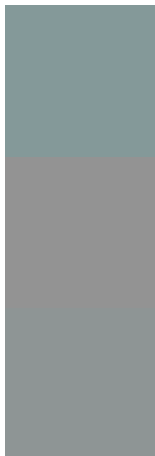
Deuteranomaly

28.8441, 29.6846, 34.7813

Tritanomaly

27.1591, 29.9462, 37.1496

Monochromacy



Original Color

26.6567, 29.9879, 34.5203

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.3276, 29.4156, 32.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6567, 29.9879, 34.5203 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(132, 153, 153)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 153)  
}
```

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(132, 153, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.6567, 29.9879, 34.5203 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(132, 153, 153) }
```


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

```
.border{ border-color:rgb(132, 153, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 153);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6567, 29.9879, 34.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 153, 153) }
```

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

```
.background{ background-color: rgb(132,  
153, 153) }
```

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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