

Converting Colors

XYZ(26.6685, 30.3904, 40.4523)

Have a look what the booklet for
XYZ(26.6685, 30.3904, 40.4523)
contains.

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Color

**XYZ(26.6303, 30.3334,
40.5278)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9BA6
RGB	122, 155, 166
RGB Percent	48%, 61%, 65%
CMY	0.5216, 0.3921, 0.3490
CMYK	0.27, 0.07, 0.00, 0.35
HSL	195°, 20%, 56%
HSV	195°, 27%, 65%
XYZ	26.6303, 30.3334, 40.5278
YIQ	146.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

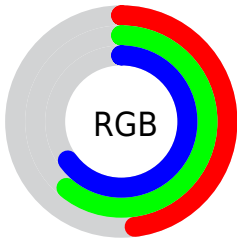
Format	Color
R_{YB}	122, 141, 166
Decimal	8035238
CIE Lab	61.94, -8.78, -9.49
CIE LCh	62, 12.922, 227.230
Yxy	30.3334, 0.2732, 0.3111
Android (android.graphics.Color)	4286225318 (0xFF7A9BA6)
YUV	146.3870, 9.6692, -21.3874
Hunter-Lab	55.0758, -10.0741, -5.0758

Details

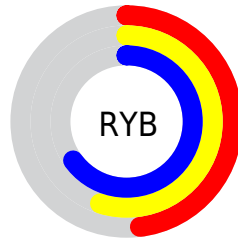
The XYZ color **26.6303, 30.3334, 40.5278** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.6267, 26.2874, 22.0309**, and the grayscale version is **27.4495, 28.8790, 31.4492**.

A 20% lighter version of the original color is **53.5308, 59.9353, 77.1539**, and **10.6601, 12.4933, 17.7692** is the 20% darker color. If you saturate the color by 10%, you get **23.7991, 27.8670, 40.2015**, and if you desaturate by 10%, it is **29.8885, 33.0567, 40.8822**.

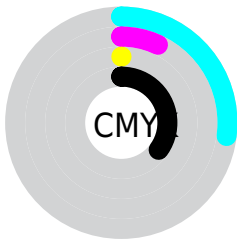
Distribution



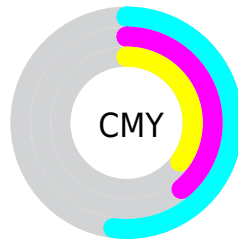
- Red (48%)
- Green (61%)
- Blue (65%)



- Red (48%)
- Yellow (55%)
- Blue (65%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (52%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6303, 30.3334, 40.5278 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 26.6303, 30.3334, 40.5278 by changing the saturation by 10% instead.

■ 26.6303, 30.3334,
40.5278

■ 26.6303, 30.3334,
40.5278

278.0629,
303.4554, 363.9612

■ 17.4309, 20.0918,
27.6334

■ 53.7141, 60.1890,
77.2124

■ 10.6394, 12.4618,
17.8129

■ 72.3293, 80.5718,
101.8397

■ 5.8904, 7.0590,
10.6477

■ 94.8137, 105.1038,
131.2150

■ 2.8186, 3.4990,
5.7193

121.5328,
134.1694, 165.7569

■ 1.0586, 1.3975,
2.6091

152.8520,
168.1530, 205.8840

■ 0.0000, 0.2149,
0.8972

189.1364,

■ 0.0000, 0.0000,

207.4389, 252.0147

0.0000

230.7516,
252.4116, 304.5676

■ 26.6303, 30.3334,
40.5278

■ 26.6303, 30.3334,
40.5278

■ 23.7991, 27.8670,
40.2015

■ 29.8885, 33.0567,
40.8822

■ 21.3716, 25.6428,
39.9001

■ 33.5903, 36.0435,
41.2636

■ 19.3263, 23.6502,
39.6233

■ 37.7545, 39.3046,
41.6736

■ 17.6385, 21.8760,
39.3698

■ 42.3980, 42.8490,
42.1130

■ 16.2803, 20.3056,
39.1382

■ 47.5370, 46.6855,
42.5827

■ 15.2196, 18.9220,
38.9271

■ 53.1867, 50.8221,
43.0833

■ 14.4110, 17.7014,
38.7341

■ 59.3617, 55.2668,
43.6158

■ 14.1544, 17.2959,
38.6694

■ 66.0762, 60.0271,
44.1807

■ 67.0491, 61.8654,
44.4843

Harmonies

Analogous

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



25.7687, 30.3334, 35.9314



26.6303, 30.3334, 40.5278



28.1019, 30.3334, 43.2191

Triad

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



26.6303, 30.3334, 40.5278



32.1989, 30.3334, 35.1790



27.8567, 30.3334, 24.7376

Complementary

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



26.6303, 30.3334, 40.5278



27.6267, 26.2874, 22.0309

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.



29.5726, 30.3334, 24.5797



26.6303, 30.3334, 40.5278



32.1268, 30.3334, 30.2852

Square

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



26.6303, 30.3334, 40.5278



31.3429, 30.3334, 39.9297



31.1497, 30.3334, 26.5155



26.4570, 30.3334, 26.9711

Rectangle

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



26.6303, 30.3334, 40.5278



29.2517, 30.3334, 43.4107



31.1497, 30.3334, 26.5155



28.4143, 30.3334, 24.4486

Sweetspot

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



26.6312, 30.3346, 40.5285



59.8015, 64.4901, 74.7712



25.8460, 33.0839, 26.9499



13.1549, 14.2496, 16.7092



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.



26.6312, 30.3346, 40.5285



45.1130, 52.2729, 73.1872



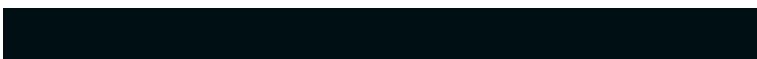
23.3979, 23.8680, 39.4507



7.5864, 8.2097, 9.6031



11.0142, 13.4887, 29.9986



0.3050, 0.4021, 0.7422

Inverse Universe

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



28.6026, 24.3933, 34.2125



49.3923, 39.8451, 59.3719



30.8390, 32.7121, 23.1017



7.7606, 7.6341, 9.0564



15.0601, 7.4327, 15.6598



0.3851, 0.1883, 0.4793

Previews

White Background



This preview shows how the XYZ color 26.6303, 30.3334, 40.5278 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 26.6303, 30.3334, 40.5278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

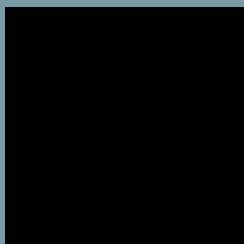
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

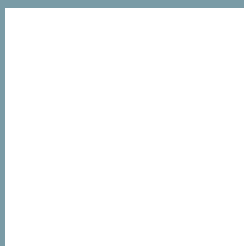
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6303, 30.3334, 40.5278

Background



This preview shows how black text looks on a background with the XYZ color 26.6303, 30.3334, 40.5278.



This preview shows how white text looks on a background with the XYZ color 26.6303, 30.3334,

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

26.6303, 30.3334, 40.5278

Protanopia

29.3242, 30.0843, 38.4437

Deuteranopia

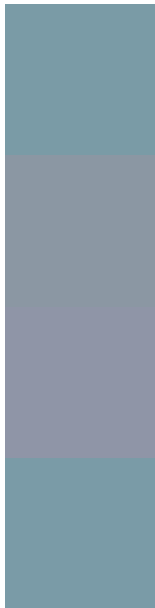
30.7109, 30.0465, 41.2267



Tritanopia

26.7224, 30.3703, 41.0128

Trichromacy



Original Color

26.6303, 30.3334, 40.5278

Protanomaly

28.3249, 30.2665, 38.9995

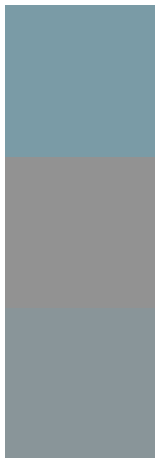
Deuteranomaly

29.0502, 30.1246, 40.8427

Tritanomaly

26.7224, 30.3703, 41.0128

Monochromacy



Original Color

26.6303, 30.3334, 40.5278

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8137, 29.1132, 34.3432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6303, 30.3334, 40.5278 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(122, 155, 166)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 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(122, 155, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.6303, 30.3334, 40.5278 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(122, 155, 166) }
```


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

```
.border{ border-color:rgb(122, 155, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 155, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 166);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6303, 30.3334, 40.5278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 166) }
```

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

```
.background{ background-color: rgb(122,  
155, 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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