

Converting Colors

XYZ(26.7143, 30.1640, 40.2037)

Have a look what the booklet for
XYZ(26.7143, 30.1640, 40.2037)
contains.

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Color

**XYZ(26.6593, 30.1129,
40.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9AA5
RGB	124, 154, 165
RGB Percent	49%, 60%, 65%
CMY	0.5137, 0.3961, 0.3529
CMYK	0.25, 0.07, 0.00, 0.35
HSL	196°, 19%, 57%
HSV	196°, 25%, 65%
XYZ	26.6593, 30.1129, 40.0046
YIQ	146.2840, -21.4110, -2.9390

Conversions

Conversions Part 2

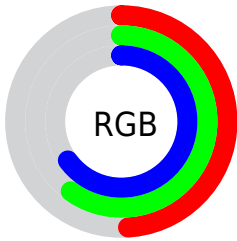
Format	Color
RYB	124, 141, 165
Decimal	8166053
CIELab	61.75, -7.84, -9.19
CIElCh	62, 12.081, 229.534
Yxy	30.1129, 0.2755, 0.3112
Android (android.graphics.Color)	4286356133 (0xFF7C9AA5)
YUV	146.2840, 9.2270, -19.5431
Hunter-Lab	54.8752, -9.3134, -4.8104

Details

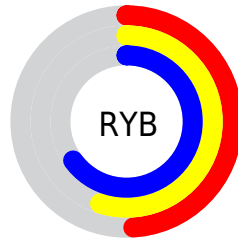
The XYZ color **26.6593, 30.1129, 40.0046** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8194, 26.7826, 22.7727**, and the grayscale version is **27.4084, 28.8358, 31.4022**.

A 20% lighter version of the original color is **53.6056, 59.6262, 76.3938**, and **10.6549, 12.3486, 17.4447** is the 20% darker color. If you saturate the color by 10%, you get **23.7545, 27.5516, 39.6638**, and if you desaturate by 10%, it is **29.9918, 32.9362, 40.3744**.

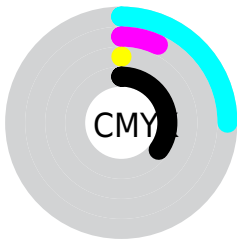
Distribution



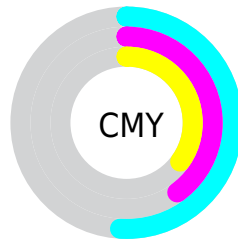
- Red (49%)
- Green (60%)
- Blue (65%)



- Red (49%)
- Yellow (55%)
- Blue (65%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6593, 30.1129, 40.0046 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 26.6593, 30.1129, 40.0046 by changing the saturation by 10% instead.

■ 26.6593, 30.1129,
40.0046

■ 26.6593, 30.1129,
40.0046

278.2014,
302.4303, 361.6956

■ 17.4528, 19.9243,
27.2283

■ 53.7604, 59.8407,
76.4077

■ 10.6551, 12.3400,
17.5108

■ 72.3857, 80.1486,
100.8716

■ 5.9010, 6.9757,
10.4336

■ 94.8813, 104.5985,
130.0684

■ 2.8251, 3.4469,
5.5780

121.6126,
133.5747, 164.4167

■ 1.0619, 1.3693,
2.5256

152.9449,
167.4616, 204.3350

■ 0.0000, 0.1939,
0.8537

189.2436,

■ 0.0000, 0.0000,

206.6435, 250.2420

0.0000

230.8740,
251.5050, 302.5560

■ 26.6593, 30.1129,
40.0046

■ 26.6593, 30.1129,
40.0046

■ 23.7545, 27.5516,
39.6638

■ 29.9918, 32.9362,
40.3744

■ 21.2547, 25.2378,
39.3490

■ 33.7682, 36.0280,
40.7721

■ 19.1388, 23.1612,
39.0597

■ 38.0068, 39.3989,
41.1994

■ 17.3829, 21.3088,
38.7947

■ 42.7243, 43.0580,
41.6570

■ 15.9602, 19.6664,
38.5526

■ 47.9365, 47.0136,
42.1458

■ 14.8397, 18.2177,
38.3320

■ 53.6583, 51.2740,
42.6666

■ 13.9835, 16.9425,
38.1310

■ 59.9042, 55.8470,
43.2201

■ 13.5974, 16.3283,
38.0328

■ 66.3180, 60.5494,
43.7897

■ 67.2874, 62.4882,
44.1128

Harmonies

Analogous

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



25.8024, 30.1129, 35.8419



26.6593, 30.1129, 40.0046



28.0628, 30.1129, 42.2999

Triad

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



26.6593, 30.1129, 40.0046



31.7742, 30.1129, 34.4245



27.5989, 30.1129, 25.1232

Complementary

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



26.6593, 30.1129, 40.0046



27.8194, 26.7826, 22.7727

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.



29.1873, 30.1129, 24.8207



26.6593, 30.1129, 40.0046



31.6386, 30.1129, 29.9123

Square

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



26.6593, 30.1129, 40.0046



31.0413, 30.1129, 38.8837



30.6775, 30.1129, 26.4958



26.3306, 30.1129, 27.3649

Rectangle

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



26.6593, 30.1129, 40.0046



29.1371, 30.1129, 42.3296



30.6775, 30.1129, 26.4958



28.1118, 30.1129, 24.7999

Sweetspot

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



26.6602, 30.1141, 40.0053



58.8616, 63.2167, 72.8520



26.1364, 32.9433, 27.8788



12.7851, 13.7528, 15.9182



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.6602, 30.1141, 40.0053



44.6875, 51.2590, 71.2910



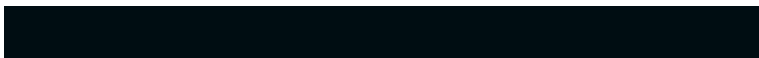
23.5696, 23.9330, 38.9751



7.1147, 7.6883, 9.0121



10.3291, 12.4376, 28.7861



0.2527, 0.3326, 0.6167

Inverse Universe

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



28.5582, 24.7484, 33.8450



48.7605, 40.1493, 57.9804



30.9493, 33.0423, 23.8160



7.2828, 7.1696, 8.4759



14.3591, 7.0997, 14.3477



0.3197, 0.1564, 0.3962

Previews

White Background



This preview shows how the XYZ color 26.6593, 30.1129, 40.0046 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 26.6593, 30.1129, 40.0046 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

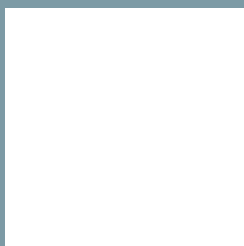
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6593, 30.1129, 40.0046

Background



This preview shows how black text looks on a background with the XYZ color 26.6593, 30.1129, 40.0046.



This preview shows how white text looks on a background with the XYZ color 26.6593, 30.1129,

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

26.6593, 30.1129, 40.0046

Protanopia

29.2357, 30.0489, 37.9773

Deuteranopia

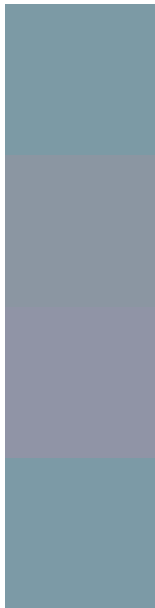
30.6180, 30.0094, 40.7379



Tritanopia

26.7507, 30.1495, 40.4859

Trichromacy



Original Color

26.6593, 30.1129, 40.0046

Protanomaly

28.0754, 29.9103, 38.4760

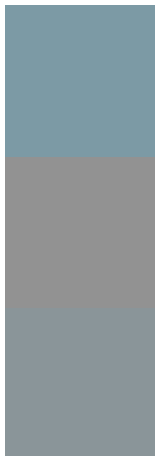
Deuteranomaly

28.9744, 29.8623, 40.3133

Tritanomaly

26.7507, 30.1495, 40.4859

Monochromacy



Original Color

26.6593, 30.1129, 40.0046

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9784, 29.1981, 34.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6593, 30.1129, 40.0046 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(124, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(124, 154, 165)  
}
```

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(124, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 154, 165) }
```

Border

The CSS property to change the border of an element to XYZ 26.6593, 30.1129, 40.0046 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(124, 154, 165) }
```


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

```
.border{ border-color:rgb(124, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(124, 154,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6593, 30.1129, 40.0046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 154, 165) }
```

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

```
.background{ background-color: rgb(124,  
154, 165) }
```

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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