

Converting Colors

XYZ(26.7721, 29.4646, 40.2327)

Have a look what the booklet for
XYZ(26.7721, 29.4646, 40.2327)
contains.

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Color

**XYZ(26.8516, 29.4756,
40.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	8097A6
RGB	128, 151, 166
RGB Percent	50%, 59%, 65%
CMY	0.4980, 0.4078, 0.3490
CMYK	0.23, 0.09, 0.00, 0.35
HSL	204°, 18%, 58%
HSV	204°, 23%, 65%
XYZ	26.8516, 29.4756, 40.3505
YIQ	145.8330, -18.5230, -0.2110

Conversions

Conversions Part 2

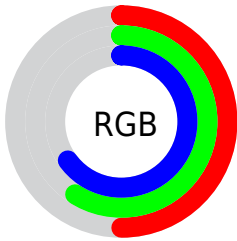
Format	Color
R_{YB}	128, 142, 166
Decimal	8427430
CIE _{Lab}	61.20, -4.67, -10.55
CIE _{LCh}	61, 11.544, 246.115
Yxy	29.4756, 0.2777, 0.3049
Android (android.graphics.Color)	4286617510 (0xFF8097A6)
YUV	145.8330, 9.9423, -15.6395
Hunter-Lab	54.2914, -6.7270, -6.0615

Details

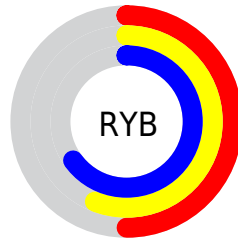
The XYZ color **26.8516, 29.4756, 40.3505** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4448, 29.3104, 24.5282**, and the grayscale version is **27.2200, 28.6375, 31.1863**.

A 20% lighter version of the original color is **53.9385, 58.7069, 76.8953**, and **10.7363, 11.9489, 17.6601** is the 20% darker color. If you saturate the color by 10%, you get **23.5310, 26.2424, 39.9019**, and if you desaturate by 10%, it is **30.6411, 33.0390, 40.8391**.

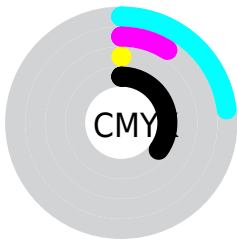
Distribution



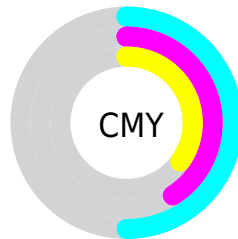
- Red (50%)
- Green (59%)
- Blue (65%)



- Red (50%)
- Yellow (56%)
- Blue (65%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8516, 29.4756, 40.3505 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 26.8516, 29.4756, 40.3505 by changing the saturation by 10% instead.

■ 26.8516, 29.4756,
40.3505

■ 26.8516, 29.4756,
40.3505

279.1185,
299.4524, 363.1946

■ 17.5978, 19.4409,
27.4961

■ 54.0672, 58.8319,
76.9399

■ 10.7596, 11.9893,
17.7104

■ 72.7597, 78.9222,
101.5119

■ 5.9715, 6.7364,
10.5750

■ 95.3292, 103.1333,
130.8268

■ 2.8682, 3.2978,
5.6713

122.1410,
131.8494, 165.3033

■ 1.0845, 1.2891,
2.5807

153.5605,
165.4550, 205.3597

■ 0.0121, 0.1327,
0.8825

189.9530,

■ 0.0000, 0.0000,

204.3344, 251.4147

0.0000

231.6839,
248.8721, 303.8868

■ 26.8516, 29.4756,
40.3505

■ 26.8516, 29.4756,
40.3505

■ 23.5310, 26.2424,
39.9019

■ 30.6411, 33.0390,
40.8391

■ 20.6558, 23.3237,
39.4901

■ 34.9163, 36.9404,
41.3668

■ 18.2045, 20.7076,
39.1144

■ 39.6962, 41.1918,
41.9354

■ 16.1525, 18.3802,
38.7733

■ 44.9982, 45.8033,
42.5461

■ 14.4725, 16.3256,
38.4652

■ 50.8387, 50.7846,
43.1998

■ 13.1333, 14.5264,
38.1885

■ 57.2334, 56.1453,
43.8974

■ 12.0978, 12.9618,
37.9411

■ 64.1973, 61.8941,
44.6400

■ 11.4867, 11.9605,
37.7801

■ 69.5777, 66.9225,
45.3271

■ 71.1620, 70.0912,
45.8552

Harmonies

Analogous

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



25.7257, 29.4756, 37.2714



26.8516, 29.4756, 40.3505



28.3274, 29.4756, 41.1332

Triad

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



26.8516, 29.4756, 40.3505



31.0159, 29.4756, 31.2127



26.3321, 29.4756, 25.8098

Complementary

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



26.8516, 29.4756, 40.3505



29.4448, 29.3104, 24.5282

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.



27.7063, 29.4756, 24.4866



26.8516, 29.4756, 40.3505



30.4377, 29.4756, 27.4196

Square

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



26.8516, 29.4756, 40.3505



30.7671, 29.4756, 35.5951



29.2129, 29.4756, 25.0483



25.4334, 29.4756, 28.8302

Rectangle

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



26.8516, 29.4756, 40.3505



29.3188, 29.4756, 40.1908



29.2129, 29.4756, 25.0483



26.7518, 29.4756, 25.1648

Sweetspot

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



26.8525, 29.4768, 40.3512



59.9699, 63.9646, 74.6609



27.4640, 33.8322, 30.8981



13.3220, 14.2247, 16.6956



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.



26.8525, 29.4768, 40.3512



45.8517, 50.7179, 72.8482



24.0957, 23.9633, 39.4322



7.4953, 8.0276, 9.5728



8.9537, 9.3676, 29.3117



0.2656, 0.3234, 0.7291

Inverse Universe

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



29.0316, 25.7803, 32.7255



50.5053, 43.1243, 56.4962



32.4668, 35.3543, 25.5355



7.7146, 7.6157, 8.8143



14.0200, 7.0167, 10.1829



0.3652, 0.1804, 0.3747

Previews

White Background



This preview shows how the XYZ color 26.8516, 29.4756, 40.3505 looks on a white background.

Color Contrast Check

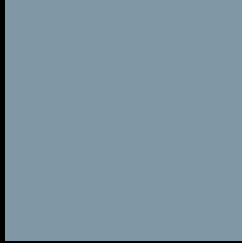
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8516, 29.4756, 40.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

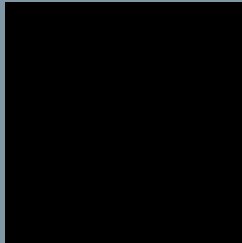
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

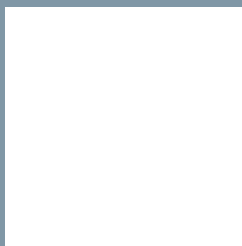
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8516, 29.4756, 40.3505

Background



This preview shows how black text looks on a background with the XYZ color 26.8516, 29.4756, 40.3505.



This preview shows how white text looks on a background with the XYZ color 26.8516, 29.4756,

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

26.8516, 29.4756, 40.3505

Protanopia

28.5668, 29.2219, 38.7851

Deuteranopia

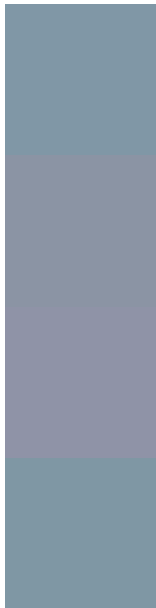
29.9900, 29.4491, 41.1494



Tritanopia

26.4299, 29.2896, 38.9108

Trichromacy



Original Color

26.8516, 29.4756, 40.3505

Protanomaly

27.9382, 29.3491, 39.3144

Deuteranomaly

28.7365, 29.4971, 40.7382

Tritanomaly

26.5198, 29.3256, 39.3846

Monochromacy



Original Color

26.8516, 29.4756, 40.3505

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9871, 28.9687, 34.3061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8516, 29.4756, 40.3505 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(128, 151, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 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(128, 151, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.8516, 29.4756, 40.3505 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(128, 151, 166) }
```


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

```
.border{ border-color:rgb(128, 151, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 151, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8516, 29.4756, 40.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 166) }
```

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

```
.background{ background-color: rgb(128,  
151, 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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