

Converting Colors

XYZ(26.0804, 34.3961, 59.2372)

Have a look what the booklet for
XYZ(26.0804, 34.3961, 59.2372)
contains.

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Color

**XYZ(26.1274, 34.4618,
59.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	28ADC7
RGB	40, 173, 199
RGB Percent	16%, 68%, 78%
CMY	0.8431, 0.3216, 0.2196
CMYK	0.80, 0.13, 0.00, 0.22
HSL	190°, 67%, 47%
HSV	190°, 80%, 78%
XYZ	26.1274, 34.4618, 59.3076
YIQ	136.1970, -87.6140, -20.1100

Conversions

Conversions Part 2

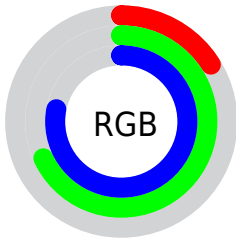
Format	Color
RYB	40, 112, 199
Decimal	2665927
CIELab	65.33, -25.45, -23.12
CIElCh	65, 34.377, 222.253
Yxy	34.4618, 0.2179, 0.2874
Android (android.graphics.Color)	4280856007 (0xFF28ADC7)
YUV	136.1970, 30.9619, -84.3648
Hunter-Lab	58.7042, -23.2875, -18.8065

Details

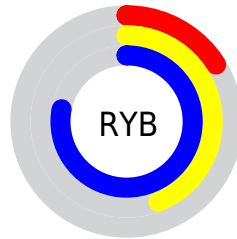
The XYZ color **26.1274, 34.4618, 59.3076** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **25.8855, 16.1932, 3.7698**, and the grayscale version is **23.3884, 24.6064, 26.7964**.

A 20% lighter version of the original color is **52.8794, 66.7693, 104.7085**, and **11.8273, 15.4773, 29.1521** is the 20% darker color. If you saturate the color by 10%, you get **24.9273, 32.9287, 59.0756**, and if you desaturate by 10%, it is **27.7428, 36.2329, 59.5650**.

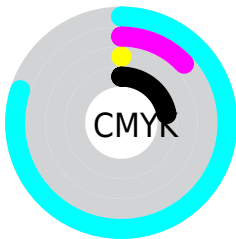
Distribution



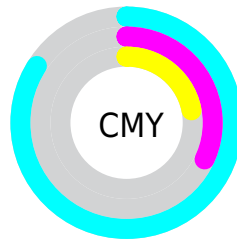
- Red (16%)
- Green (68%)
- Blue (78%)



- Red (16%)
- Yellow (44%)
- Blue (78%)



- Cyan (80%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1274, 34.4618, 59.3076 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 26.1274, 34.4618, 59.3076 by changing the saturation by 10% instead.

■ 26.1274, 34.4618,
59.3076

■ 26.1274, 34.4618,
59.3076

275.6522,
322.1863, 439.7745

■ 17.0522, 23.2486,
42.4391

■ 52.9102, 66.6512,
105.3581

■ 10.3672, 14.7772,
29.1172

■ 71.3485, 88.3961,
135.3772

■ 5.7072, 8.6631,
18.9231

■ 93.6386, 114.4204,
170.6170

■ 2.7068, 4.5221,
11.4385

■ 120.1457,
145.1085, 211.4960

■ 1.0007, 1.9697,
6.2447

■ 151.2353,
180.8447, 258.4327

■ 0.0000, 0.5898,
2.9233

187.2726,

■ 0.0000, 0.0000,

222.0135, 311.8456

1.0556

228.6231,
268.9993, 372.1534

■ 0.0000, 0.0000,
0.0000

■ 26.1274, 34.4618,
59.3076

■ 26.1274, 34.4618,
59.3076

■ 24.9273, 32.9287,
59.0756

■ 27.7428, 36.2329,
59.5650

■ 24.0378, 31.5774,
58.8617

■ 29.8240, 38.2662,
59.8478

■ 24.0289, 31.5634,
58.8594

■ 32.4177, 40.5866,
60.1589

■ 35.5639, 43.2148,
60.5004

■ 39.2986, 46.1696,
60.8739

■ 43.6546, 49.4681,
61.2810

■ 48.6624, 53.1259,
61.7231

■ 54.3502, 57.1581,
62.2016

■ 60.7449, 61.5784,
62.7177

Harmonies

Analogous

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



24.2116, 34.4618, 43.6904



26.1274, 34.4618, 59.3076



29.9045, 34.4618, 70.4231

Triad

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



26.1274, 34.4618, 59.3076



42.8167, 34.4618, 46.5795



30.7520, 34.4618, 16.4990

Complementary

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



26.1274, 34.4618, 59.3076



25.8855, 16.1932, 3.7698

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.



35.7809, 34.4618, 16.8980



26.1274, 34.4618, 59.3076



43.1031, 34.4618, 31.9653

Square

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



26.1274, 34.4618, 59.3076



39.6712, 34.4618, 61.8818



40.4179, 34.4618, 21.8569



26.6931, 34.4618, 20.5782

Rectangle

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



26.1274, 34.4618, 59.3076



33.1352, 34.4618, 72.4072



40.4179, 34.4618, 21.8569



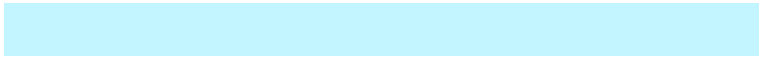
32.3775, 34.4618, 16.1502

Sweetspot

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



26.1285, 34.4630, 59.3084



72.8969, 83.9631, 106.9722



22.2207, 41.6673, 11.7011



15.0238, 17.5307, 22.8419



0.0000, 0.0000, 0.0000



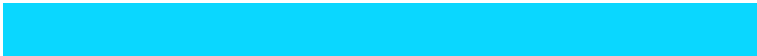
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1285, 34.4630, 59.3084



42.4703, 55.8711, 103.1535



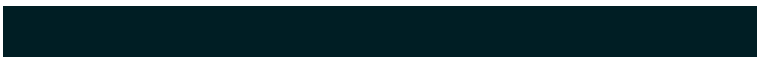
15.3362, 12.8784, 55.7110



10.7934, 11.7608, 13.6187



15.5054, 20.4047, 37.8656



0.7747, 1.0471, 1.8064

Inverse Universe

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



31.8558, 16.6779, 41.0766



53.6125, 26.3861, 66.5366



33.8125, 32.0472, 6.4121



11.0057, 10.7857, 13.0135



19.6257, 9.5999, 24.3027



0.9497, 0.4627, 1.2583

Previews

White Background



This preview shows how the XYZ color 26.1274, 34.4618, 59.3076 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 26.1274, 34.4618, 59.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

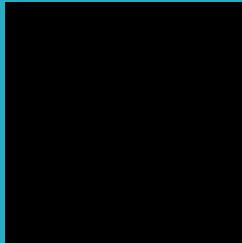
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.1274, 34.4618, 59.3076

Background



This preview shows how black text looks on a background with the XYZ color 26.1274, 34.4618, 59.3076.



This preview shows how white text looks on a background with the XYZ color 26.1274, 34.4618,

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

26.1274, 34.4618, 59.3076

Protanopia

33.6206, 33.9441, 51.7936

Deuteranopia

34.7136, 34.0504, 61.2427



Tritanopia

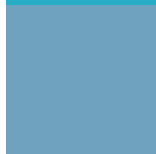
24.9942, 34.5809, 53.5016

Trichromacy



Original Color

26.1274, 34.4618, 59.3076



Protanomaly

28.8798, 32.9818, 54.1342



Deuteranomaly

29.8877, 33.3561, 60.7402



Tritanomaly

25.3574, 34.4294, 55.7611

Monochromacy



Original Color

26.1274, 34.4618, 59.3076



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.3723, 26.7648, 36.7879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1274, 34.4618, 59.3076 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(40, 173, 199)` looks like.

```
.text, #text, p{  
    color:rgb(40, 173, 199)  
}
```

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(40, 173, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 173, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.1274, 34.4618, 59.3076 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(40, 173, 199) }
```


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

```
.border{ border-color:rgb(40, 173, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 173, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 173, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 173, 199);  
box-shadow:4px 4px 4px 4px rgb(40, 173,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1274, 34.4618, 59.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 173, 199) }
```

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

```
.background{ background-color: rgb(40, 173,  
199) }
```

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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