

Converting Colors

XYZ(26.9253, 36.8074, 59.3553)

Have a look what the booklet for
XYZ(26.9253, 36.8074, 59.3553)
contains.

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Color

**XYZ(26.9663, 36.9527,
59.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	1BB4C6
RGB	27, 180, 198
RGB Percent	11%, 71%, 78%
CMY	0.8940, 0.2941, 0.2235
CMYK	0.86, 0.09, 0.00, 0.22
HSL	186°, 76%, 44%
HSV	186°, 86%, 78%
XYZ	26.9663, 36.9527, 59.1374
YIQ	136.3050, -96.9660, -26.8380

Conversions

Conversions Part 2

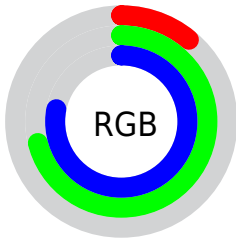
Format	Color
R _Y B	27, 108, 198
Decimal	1815750
CIE Lab	67.24, -30.25, -19.66
CIE LCh	67, 36.079, 213.017
Yxy	36.9527, 0.2191, 0.3003
Android (android.graphics.Color)	4280005830 (0xFF1BB4C6)
YUV	136.3050, 30.4156, -95.8605
Hunter-Lab	60.7887, -27.1965, -15.1273

Details

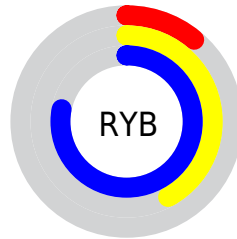
The XYZ color **26.9663, 36.9527, 59.1374** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **24.4263, 13.9635, 2.4460**, and the grayscale version is **23.4344, 24.6548, 26.8491**.

A 20% lighter version of the original color is **54.2298, 70.3991, 105.3379**, and **12.6234, 17.1924, 29.0387** is the 20% darker color. If you saturate the color by 10%, you get **26.1877, 35.9320, 58.9821**, and if you desaturate by 10%, it is **28.1030, 38.1688, 59.3129**.

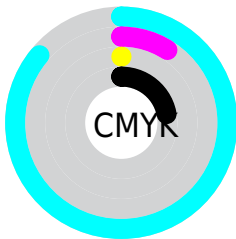
Distribution



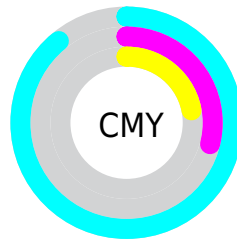
- Red (11%)
- Green (71%)
- Blue (78%)



- Red (11%)
- Yellow (42%)
- Blue (78%)



- Cyan (86%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9663, 36.9527, 59.1374 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 26.9663, 36.9527, 59.1374 by changing the saturation by 10% instead.

■ 26.9663, 36.9527,
59.1374

■ 26.9663, 36.9527,
59.1374

279.6644,
333.1057, 439.1270

■ 17.6844, 25.1709,
42.3030

■ 54.2501, 70.5000,
105.1084

■ 10.8219, 16.2044,
29.0113

■ 72.9826, 93.0343,
135.0821

■ 6.0136, 9.6689,
18.8437

■ 95.5960, 119.9216,
170.2727

■ 2.8941, 5.1800,
11.3817

■ 122.4558,
151.5461, 211.0986

■ 1.0980, 2.3533,
6.2068

■ 153.9271,
188.2924, 257.9784

■ 0.0235, 0.8017,
2.9004

190.3754,

■ 0.0000, 0.0000,

230.5449, 311.3308

1.0440

232.1661,
278.6878, 371.5741

■ 0.0000, 0.0000,
0.0000

■ 26.9663, 36.9527,
59.1374

■ 26.9663, 36.9527,
59.1374

■ 26.1877, 35.9320,
58.9821

■ 28.1030, 38.1688,
59.3129

■ 25.9465, 35.5839,
58.9277

■ 29.6581, 39.6093,
59.5090

■ 31.6827, 41.3013,
59.7289

■ 34.2193, 43.2668,
59.9746

■ 37.3061, 45.5254,
60.2478

■ 40.9771, 48.0949,
60.5503

■ 45.2640, 50.9914,
60.8835

■ 50.1958, 54.2302,
61.2487

■ 55.8000, 57.8252,
61.6472

Harmonies

Analogous

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



25.5688, 36.9527, 41.8535



26.9663, 36.9527, 59.1374



30.5311, 36.9527, 73.7859

Triad

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



26.9663, 36.9527, 59.1374



45.4356, 36.9527, 55.6331



34.5677, 36.9527, 16.9038

Complementary

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



26.9663, 36.9527, 59.1374



24.4263, 13.9635, 2.4460

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.



40.1524, 36.9527, 18.7999



26.9663, 36.9527, 59.1374



46.8009, 36.9527, 38.6592

Square

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



26.9663, 36.9527, 59.1374



41.2177, 36.9527, 71.4189



44.7767, 36.9527, 25.8626



29.6598, 36.9527, 19.7781

Rectangle

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



26.9663, 36.9527, 59.1374



33.8500, 36.9527, 78.4943



44.7767, 36.9527, 25.8626



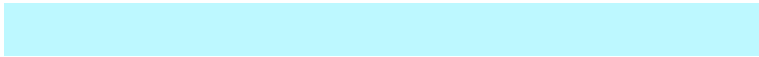
36.4263, 36.9527, 17.0067

Sweetspot

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



26.9675, 36.9540, 59.1383



72.5357, 85.1480, 107.2199



21.1038, 40.8048, 9.1585



15.0107, 17.8691, 22.9079



0.0000, 0.0000, 0.0000



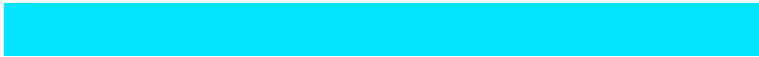
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9675, 36.9540, 59.1383



45.8365, 62.7929, 104.3122



14.7753, 12.5697, 55.0742



10.8477, 11.8694, 13.6368



16.9108, 23.2155, 38.3341



0.8288, 1.1554, 1.8245

Inverse Universe

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



31.9199, 16.0862, 44.6038



55.2653, 26.8701, 75.7863



31.4179, 27.9467, 4.7766



11.0331, 10.7966, 13.1578



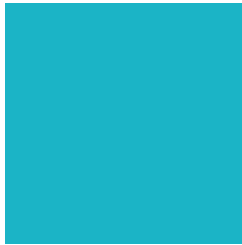
20.3351, 9.8836, 28.0383



0.9770, 0.4737, 1.4023

Previews

White Background



This preview shows how the XYZ color 26.9663, 36.9527, 59.1374 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 26.9663, 36.9527, 59.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

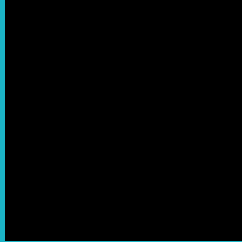
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9663, 36.9527, 59.1374

Background



This preview shows how black text looks on a background with the XYZ color 26.9663, 36.9527, 59.1374.

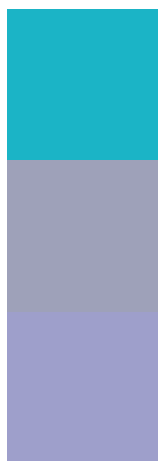


This preview shows how white text looks on a background with the XYZ color 26.9663, 36.9527,

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

26.9663, 36.9527, 59.1374

Protanopia

35.6024, 36.2616, 51.0217

Deuteranopia

37.2782, 36.3772, 61.5566



Tritanopia

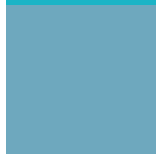
26.5025, 36.7532, 57.3270

Trichromacy



Original Color

26.9663, 36.9527, 59.1374



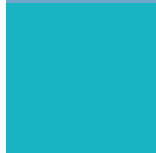
Protanomaly

29.7273, 35.0380, 53.9114



Deuteranomaly

30.7917, 35.1695, 60.4238



Tritanomaly

26.6618, 36.8222, 57.9267

Monochromacy



Original Color

26.9663, 36.9527, 59.1374



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.3101, 27.4465, 36.9227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9663, 36.9527, 59.1374 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(27, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(27, 180, 198)  
}
```

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(27, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 180, 198) }
```

Border

The CSS property to change the border of an element to XYZ 26.9663, 36.9527, 59.1374 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(27, 180, 198) }
```


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

```
.border{ border-color:rgb(27, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(27, 180,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9663, 36.9527, 59.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 180, 198) }
```

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

```
.background{ background-color: rgb(27, 180,  
198) }
```

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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