

Converting Colors

XYZ(17.2564, 24.7355, 34.8741)

Have a look what the booklet for
XYZ(17.2564, 24.7355, 34.8741)
contains.

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Color

**XYZ(17.1967, 24.6099,
34.8542)**

Conversions

Conversions Part 1

Format	Color
Hex	10979B
RGB	16, 151, 155
RGB Percent	6%, 59%, 61%
CMY	0.9372, 0.4078, 0.3922
CMYK	0.90, 0.03, 0.00, 0.39
HSL	182°, 81%, 34%
HSV	182°, 90%, 61%
XYZ	17.1967, 24.6099, 34.8542
YIQ	111.0910, -81.7440, -27.3760

Conversions

Conversions Part 2

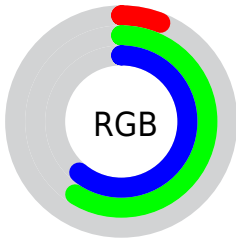
Format	Color
R_{YB}	16, 84, 155
Decimal	1087387
CIE _{Lab}	56.69, -30.54, -11.48
CIE _{LCh}	57, 32.625, 200.602
Yxy	24.6099, 0.2243, 0.3210
Android (android.graphics.Color)	4279277467 (0xFF10979B)
YUV	111.0910, 21.6471, -83.3948
Hunter-Lab	49.6084, -24.9378, -6.9305

Details

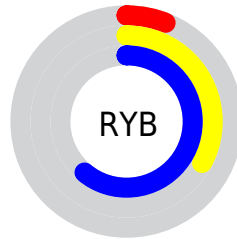
The XYZ color **17.1967, 24.6099, 34.8542** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.8620, 7.5071, 1.2094**, and the grayscale version is **15.0940, 15.8800, 17.2933**.

A 20% lighter version of the original color is **38.1960, 51.1257, 68.1767**, and **6.9605, 9.9232, 14.6452** is the 20% darker color. If you saturate the color by 10%, you get **16.9183, 24.3605, 34.8212**, and if you desaturate by 10%, it is **17.6362, 24.9438, 34.8959**.

Distribution



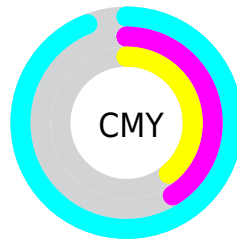
- Red (6%)
- Green (59%)
- Blue (61%)



- Red (6%)
- Yellow (33%)
- Blue (61%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1967, 24.6099, 34.8542 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 17.1967, 24.6099, 34.8542 by changing the saturation by 10% instead.

■ 17.1967, 24.6099,
34.8542

■ 17.1967, 24.6099,
34.8542

■ 229.4376,
275.8896, 338.8090

■ 10.4710, 15.7867,
23.2679

■ 38.2046, 51.0237,
68.4088

■ 5.7770, 9.3733,
14.5843

■ 53.2175, 69.3830,
91.2143

■ 2.7493, 4.9855,
8.3848

■ 71.7235, 91.6897,
118.5966

■ 1.0226, 2.2387,
4.2509

■ 94.0879, 118.3284,
150.9742

■ 0.0000, 0.7410,
1.7640

■ 120.6762,
149.6833, 188.7657

■ 0.0000, 0.0000,
0.4040

■ 151.8537,

■ 0.0000, 0.0000,

186.1389, 232.3897

0.0000

187.9857,
228.0795, 282.2646

■ 17.1967, 24.6099,
34.8542

■ 17.1967, 24.6099,
34.8542

■ 16.9183, 24.3605,
34.8212

■ 17.6362, 24.9438,
34.8959

■ 16.9094, 24.3524,
34.8201

■ 18.3008, 25.3935,
34.9477

■ 19.2194, 25.9747,
35.0115

■ 20.4163, 26.6997,
35.0883

■ 21.9128, 27.5795,
35.1793

■ 23.7283, 28.6242,
35.2852

■ 25.8802, 29.8428,
35.4070

■ 28.3852, 31.2437,
35.5454

■ 31.2583, 32.8349,
35.7011

Harmonies

Analogous

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



16.8977, 24.6099, 23.5224



17.1967, 24.6099, 34.8542



19.0533, 24.6099, 46.4369

Triad

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



17.1967, 24.6099, 34.8542



29.5036, 24.6099, 42.3922



24.6044, 24.6099, 10.9995

Complementary

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



17.1967, 24.6099, 34.8542



13.8620, 7.5071, 1.2094

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.



28.3416, 24.6099, 13.6604



17.1967, 24.6099, 34.8542



31.3652, 24.6099, 30.3600

Square

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



17.1967, 24.6099, 34.8542



26.0573, 24.6099, 51.5429



30.9184, 24.6099, 20.0867



20.9130, 24.6099, 11.5939

Rectangle

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



17.1967, 24.6099, 34.8542



21.0473, 24.6099, 51.7760



30.9184, 24.6099, 20.0867



25.9025, 24.6099, 11.5081

Sweetspot

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



17.1975, 24.6108, 34.8548



43.2664, 51.7020, 63.2354



12.0475, 23.5982, 4.5067



9.5377, 11.5569, 14.2984



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.1975, 24.6108, 34.8548



30.2575, 43.5620, 62.3499



9.2387, 8.6932, 32.2019



6.3693, 6.9960, 7.9436



13.5865, 19.5696, 27.9689



0.2072, 0.3007, 0.4195

Inverse Universe

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



19.2895, 9.5743, 30.1104



34.1329, 16.4497, 53.3941



17.0870, 13.9572, 2.2844



6.4535, 6.3206, 7.7685



15.3166, 7.3809, 23.9899



0.2310, 0.1112, 0.3695

Previews

White Background



This preview shows how the XYZ color 17.1967, 24.6099, 34.8542 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 17.1967, 24.6099, 34.8542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

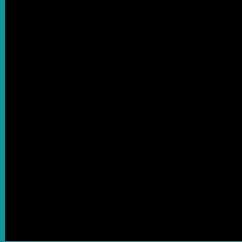
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1967, 24.6099, 34.8542

Background



This preview shows how black text looks on a background with the XYZ color 17.1967, 24.6099, 34.8542.



This preview shows how white text looks on a background with the XYZ color 17.1967, 24.6099,

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

17.1967, 24.6099, 34.8542

Protanopia

23.5508, 24.2147, 29.8182

Deuteranopia

24.8258, 24.3241, 36.1874



Tritanopia

17.8799, 24.6543, 37.9988

Trichromacy



Original Color

17.1967, 24.6099, 34.8542

Protanomaly

19.1370, 23.1696, 31.4805

Deuteranomaly

19.9184, 23.2610, 35.7878

Tritanomaly

17.5177, 24.4981, 36.6062

Monochromacy



Original Color

17.1967, 24.6099, 34.8542

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.2721, 17.9905, 22.7990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1967, 24.6099, 34.8542 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(16, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(16, 151, 155)  
}
```

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(16, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 17.1967, 24.6099, 34.8542 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(16, 151, 155) }
```


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

```
.border{ border-color:rgb(16, 151, 155) }
```

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

Here you see how a box with a 4 pixel rgb(16, 151, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(16, 151,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1967, 24.6099, 34.8542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 151, 155) }
```

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

```
.background{ background-color: rgb(16, 151,  
155) }
```

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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