

Converting Colors

XYZ(17.1074, 26.6354, 26.1587)

Have a look what the booklet for
XYZ(17.1074, 26.6354, 26.1587)
contains.

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Color

**XYZ(17.1587, 26.7693,
26.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	209F84
RGB	32, 159, 132
RGB Percent	13%, 62%, 52%
CMY	0.8745, 0.3765, 0.4823
CMYK	0.80, 0.00, 0.17, 0.38
HSL	167°, 66%, 37%
HSV	167°, 80%, 62%
XYZ	17.1587, 26.7693, 26.0924
YIQ	117.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

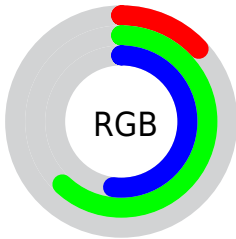
Format	Color
R_{YB}	32, 103, 159
Decimal	2137988
CIE _{Lab}	58.76, -39.66, 4.67
CIE _{LCh}	59, 39.929, 173.283
Yxy	26.7693, 0.2451, 0.3823
Android (android.graphics.Color)	4280328068 (0xFF209F84)
YUV	117.9490, 6.9271, -75.3773
Hunter-Lab	51.7391, -31.3458, 6.3169

Details

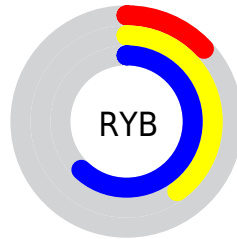
The XYZ color **17.1587, 26.7693, 26.0924** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.6050, 8.7206, 4.9998**, and the grayscale version is **17.1991, 18.0948, 19.7052**.

A 20% lighter version of the original color is **38.0591, 54.3052, 54.3750**, and **6.8190, 11.1399, 9.9744** is the 20% darker color. If you saturate the color by 10%, you get **16.5514, 26.4832, 24.8763**, and if you desaturate by 10%, it is **18.0133, 27.1834, 27.3604**.

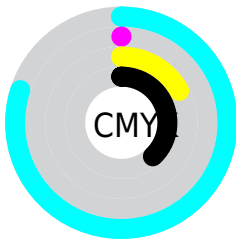
Distribution



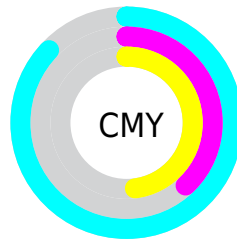
- Red (13%)
- Green (62%)
- Blue (52%)



- Red (13%)
- Yellow (40%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1587, 26.7693, 26.0924 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 17.1587, 26.7693, 26.0924 by changing the saturation by 10% instead.

■ 17.1587, 26.7693,
26.0924

■ 17.1587, 26.7693,
26.0924

229.2237,
286.5384, 296.8553

■ 10.4437, 17.4000,
16.6664

■ 38.1399, 54.5134,
54.4099

■ 5.7586, 10.5201,
9.8375

■ 53.1368, 73.6571,
74.1384

■ 2.7381, 5.7452,
5.1871

■ 71.6250, 96.8277,
98.1383

■ 1.0168, 2.6907,
2.2968

■ 93.9699, 124.4096,
126.8279

■ 0.0000, 0.9725,
0.7294

■ 120.5369,
156.7873, 160.6259

■ 0.0000, 0.0000,
0.0000

■ 151.6913,

194.3450, 199.9507

187.7984,
237.4672, 245.2210

■ 17.1587, 26.7693,
26.0924

■ 17.1587, 26.7693,
26.0924

■ 16.5514, 26.4832,
24.8763

■ 18.0133, 27.1834,
27.3604

■ 16.1182, 26.2853,
23.7065

■ 19.1434, 27.7379,
28.6802

■ 16.1128, 26.2828,
23.6915

■ 20.5756, 28.4473,
30.0541

■ 22.3328, 29.3234,
31.4833

■ 24.4357, 30.3767,
32.9693

■ 26.9031, 31.6171,
34.5132

■ 29.7526, 33.0535,
36.1163

■ 33.0006, 34.6945,
37.7796

■ 36.6624, 36.5478,
39.5041

Harmonies

Analogous

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



18.5899, 26.7693, 15.7668



17.1587, 26.7693, 26.0924



17.7068, 26.7693, 41.2188

Triad

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



17.1587, 26.7693, 26.0924



29.3681, 26.7693, 61.7803



31.5273, 26.7693, 12.3794

Complementary

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



17.1587, 26.7693, 26.0924



15.6050, 8.7206, 4.9998

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.



35.1577, 26.7693, 19.6977



17.1587, 26.7693, 26.0924



33.8031, 26.7693, 48.5262

Square

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



17.1587, 26.7693, 26.0924



24.3531, 26.7693, 65.1738



36.0400, 26.7693, 32.4316



26.5658, 26.7693, 9.6732

Rectangle

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



17.1587, 26.7693, 26.0924



19.1605, 26.7693, 51.9420



36.0400, 26.7693, 32.4316



32.9685, 26.7693, 14.2410

Sweetspot

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



17.1595, 26.7703, 26.0930



46.0692, 55.5598, 60.5265



14.4943, 25.8474, 5.5922



10.0572, 12.3605, 13.4367



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1595, 26.7703, 26.0930



29.0435, 47.1557, 42.8782



13.9397, 16.9816, 35.3451



6.7614, 7.4853, 8.1782



12.7415, 20.7646, 18.7938



0.2417, 0.3768, 0.4093

Inverse Universe

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



15.6050, 8.7206, 4.9998



26.2811, 13.6140, 4.3081



16.6259, 11.6086, 2.7315



6.6879, 6.6681, 7.2077



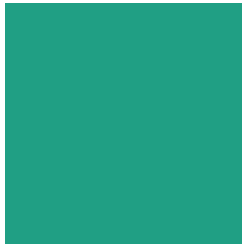
11.5321, 5.9174, 1.7870



0.2197, 0.1112, 0.1033

Previews

White Background



This preview shows how the XYZ color 17.1587, 26.7693, 26.0924 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 17.1587, 26.7693, 26.0924 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 17.1587, 26.7693, 26.0924

Background



This preview shows how black text looks on a background with the XYZ color 17.1587, 26.7693, 26.0924.

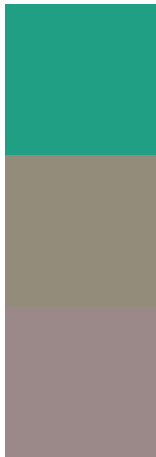


This preview shows how white text looks on a background with the XYZ color 17.1587, 26.7693,

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

17.1587, 26.7693, 26.0924

Protanopia

24.9236, 26.3644, 22.1876

Deuteranopia

26.8371, 26.3830, 27.3449



Tritanopia

20.0520, 26.6855, 40.6532

Trichromacy



Original Color

17.1587, 26.7693, 26.0924

Protanomaly

20.0253, 25.3771, 23.5815

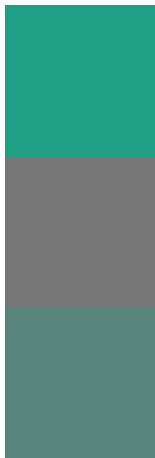
Deuteranomaly

20.7768, 25.0108, 26.6542

Tritanomaly

18.8479, 26.6909, 34.7303

Monochromacy



Original Color

17.1587, 26.7693, 26.0924

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.8932, 20.2314, 21.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1587, 26.7693, 26.0924 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(32, 159, 132)` looks like.

```
.text, #text, p{  
    color:rgb(32, 159, 132)  
}
```

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(32, 159, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 159, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.1587, 26.7693, 26.0924 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(32, 159, 132) }
```


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

```
.border{ border-color:rgb(32, 159, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 159, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 159, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 159, 132);  
box-shadow:4px 4px 4px 4px rgb(32, 159,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1587, 26.7693, 26.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 159, 132) }
```

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

```
.background{ background-color: rgb(32, 159,  
132) }
```

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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