

Converting Colors

XYZ(18.8667, 26.0094, 32.4618)

Have a look what the booklet for
XYZ(18.8667, 26.0094, 32.4618)
contains.

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Color

**XYZ(18.8659, 26.0092,
32.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9995
RGB	63, 153, 149
RGB Percent	25%, 60%, 58%
CMY	0.7529, 0.4000, 0.4157
CMYK	0.59, 0.00, 0.03, 0.40
HSL	177°, 42%, 42%
HSV	177°, 59%, 60%
XYZ	18.8659, 26.0092, 32.4597
YIQ	125.6340, -52.3560, -20.3240

Conversions

Conversions Part 2

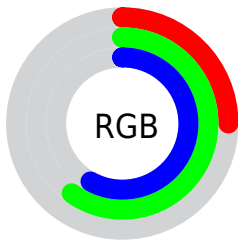
Format	Color
R_{YB}	63, 109, 153
Decimal	4168085
CIE _{Lab}	58.05, -27.50, -5.94
CIE _{LCh}	58, 28.133, 192.190
Yxy	26.0092, 0.2440, 0.3363
Android (android.graphics.Color)	4282358165 (0xFF3F9995)
YUV	125.6340, 11.5194, -54.9300
Hunter-Lab	50.9992, -23.2170, -2.0371

Details

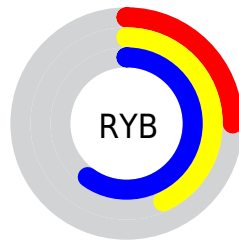
The XYZ color **18.8659, 26.0092, 32.4597** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.9283, 10.7332, 6.5431**, and the grayscale version is **19.6826, 20.7076, 22.5506**.

A 20% lighter version of the original color is **41.0811, 53.4166, 64.6451**, and **6.8583, 10.1892, 13.1605** is the 20% darker color. If you saturate the color by 10%, you get **17.9674, 25.5528, 32.1355**, and if you desaturate by 10%, it is **20.0379, 26.6077, 32.7995**.

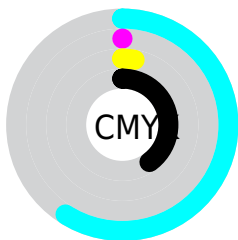
Distribution



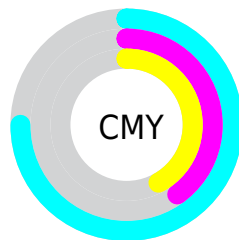
- Red (25%)
- Green (60%)
- Blue (58%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8659, 26.0092, 32.4597 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 18.8659, 26.0092, 32.4597 by changing the saturation by 10% instead.

■ 18.8659, 26.0092,
32.4597

■ 18.8659, 26.0092,
32.4597

238.6598,
282.8272, 327.7651

■ 11.6769, 16.8305,
21.4451

■ 41.0260, 53.2898,
64.6373

■ 6.5947, 10.1137,
13.2554

■ 56.7278, 72.1605,
86.6375

■ 3.2540, 5.4744,
7.4718

■ 75.9978, 95.0307,
113.1366

■ 1.2895, 2.5282,
3.6760

■ 99.2015, 122.2847,
144.5531

■ 0.1753, 0.8907,
1.4493

■ 126.7042,
154.3069, 181.3057

■ 0.0000, 0.0000,
0.1798

158.8712,

■ 0.0000, 0.0000,

191.4819, 223.8129

0.0000

196.0680,
234.1938, 272.4932

■ 18.8659, 26.0092,
32.4597

■ 18.8659, 26.0092,
32.4597

■ 17.9674, 25.5528,
32.1355

■ 20.0379, 26.6077,
32.7995

■ 17.3168, 25.2237,
31.8240

■ 21.5014, 27.3558,
33.1541

■ 16.8880, 25.0088,
31.5245

■ 23.2758, 28.2642,
33.5248

■ 16.6244, 24.8791,
31.2343

■ 25.3781, 29.3416,
33.9126

■ 16.5956, 24.8649,
31.2004

■ 27.8241, 30.5961,
34.3181

■ 30.6284, 32.0353,
34.7420

■ 33.8049, 33.6663,
35.1851

■ 37.3669, 35.4960,
35.6479

■ 41.3267, 37.5308,
36.1309

Harmonies

Analogous

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



19.0048, 26.0092, 22.9706



18.8659, 26.0092, 32.4597



20.1869, 26.0092, 42.8458

Triad

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



18.8659, 26.0092, 32.4597



29.3763, 26.0092, 44.5792



26.7748, 26.0092, 13.9730

Complementary

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



18.8659, 26.0092, 32.4597



15.9283, 10.7332, 6.5431

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.



29.8877, 26.0092, 17.5150



18.8659, 26.0092, 32.4597



31.4818, 26.0092, 34.4405

Square

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



18.8659, 26.0092, 32.4597



26.1272, 26.0092, 50.8442



31.6771, 26.0092, 24.5474



23.3661, 26.0092, 13.6784

Rectangle

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



18.8659, 26.0092, 32.4597



21.7948, 26.0092, 48.3167



31.6771, 26.0092, 24.5474



27.8980, 26.0092, 14.7779

Sweetspot

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



18.8667, 26.0102, 32.4603



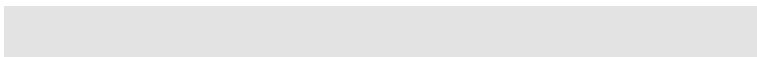
45.6381, 52.6431, 60.7644



14.6383, 24.3534, 8.6322



9.8387, 11.5017, 13.3753



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.8667, 26.0102, 32.4603



31.7102, 45.5242, 57.3464



13.6499, 15.0565, 32.3250



6.3727, 7.0218, 7.8861



13.7187, 20.5509, 25.8030



0.2082, 0.3085, 0.4023

Inverse Universe

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



15.9283, 10.7332, 6.5431



25.9480, 15.4922, 6.4672



18.9351, 16.9323, 6.9733



6.2194, 6.2269, 6.5353



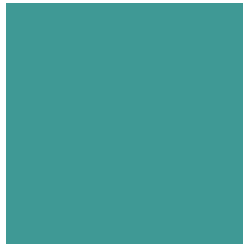
10.8916, 5.6109, 0.6880



0.1654, 0.0849, 0.0240

Previews

White Background



This preview shows how the XYZ color 18.8659, 26.0092, 32.4597 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 18.8659, 26.0092, 32.4597 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 18.8659, 26.0092, 32.4597

Background



This preview shows how black text looks on a background with the XYZ color 18.8659, 26.0092, 32.4597.

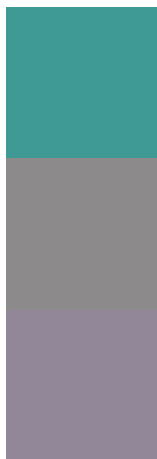


This preview shows how white text looks on a background with the XYZ color 18.8659, 26.0092,

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

18.8659, 26.0092, 32.4597

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.2678, 25.7388, 33.7206



Tritanopia

20.1317, 26.0428, 38.6160

Trichromacy



Original Color

18.8659, 26.0092, 32.4597

Protanomaly

21.5904, 25.1388, 29.7009

Deuteranomaly

22.5430, 25.3260, 33.4060

Tritanomaly

19.7145, 26.1184, 36.3500

Monochromacy



Original Color

18.8659, 26.0092, 32.4597

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7008, 22.2131, 25.8562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8659, 26.0092, 32.4597 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(63, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 149)  
}
```

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(63, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 149) }
```

Border

The CSS property to change the border of an element to XYZ 18.8659, 26.0092, 32.4597 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(63, 153, 149) }
```


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

```
.border{ border-color:rgb(63, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8659, 26.0092, 32.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 149) }
```

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

```
.background{ background-color: rgb(63, 153,  
149) }
```

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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