

Converting Colors

XYZ(18.9247, 26.2105, 32.0456)

Have a look what the booklet for
XYZ(18.9247, 26.2105, 32.0456)
contains.

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Color

**XYZ(19.0152, 26.3393,
32.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	409A94
RGB	64, 154, 148
RGB Percent	25%, 60%, 58%
CMY	0.7490, 0.3961, 0.4196
CMYK	0.58, 0.00, 0.04, 0.40
HSL	176°, 41%, 43%
HSV	176°, 58%, 60%
XYZ	19.0152, 26.3393, 32.0988
YIQ	126.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

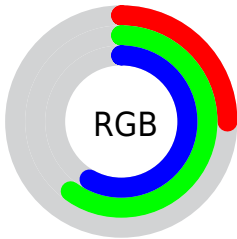
Format	Color
RYB	64, 111, 154
Decimal	4233876
CIELab	58.36, -28.08, -4.91
CIElCh	58, 28.501, 189.911
Yxy	26.3393, 0.2455, 0.3401
Android (android.graphics.Color)	4282423956 (0xFF409A94)
YUV	126.4060, 10.6458, -54.7301
Hunter-Lab	51.3218, -23.6773, -1.1571

Details

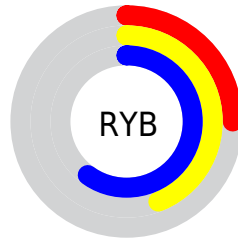
The XYZ color **19.0152, 26.3393, 32.0988** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.2661, 10.9797, 7.0571**, and the grayscale version is **19.9476, 20.9864, 22.8542**.

A 20% lighter version of the original color is **41.3463, 53.9301, 64.1075**, and **6.9090, 10.3658, 12.9459** is the 20% darker color. If you saturate the color by 10%, you get **18.0680, 25.8610, 31.6326**, and if you desaturate by 10%, it is **20.2412, 26.9625, 32.5830**.

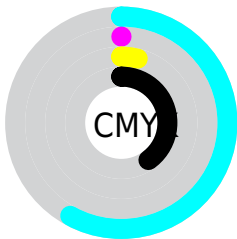
Distribution



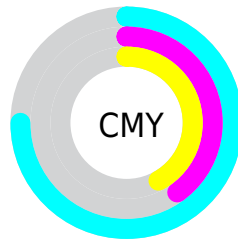
- Red (25%)
- Green (60%)
- Blue (58%)



- Red (25%)
- Yellow (44%)
- Blue (60%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0152, 26.3393, 32.0988 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 19.0152, 26.3393, 32.0988 by changing the saturation by 10% instead.

■ 19.0152, 26.3393,
32.0988

■ 19.0152, 26.3393,
32.0988

239.4692,
284.4437, 326.0757

■ 11.7853, 17.0776,
21.1715

■ 41.2765, 53.8218,
64.0657

■ 6.6688, 10.2899,
13.0570

■ 57.0386, 72.8115,
85.9423

■ 3.3003, 5.5916,
7.3366

■ 76.3754, 95.8126,
112.3059

■ 1.3145, 2.5984,
3.5919

■ 99.6525, 123.2095,
143.5748

■ 0.1940, 0.9258,
1.4042

■ 127.2350,
155.3867, 180.1677

■ 0.0000, 0.0000,
0.1450

159.4884,

■ 0.0000, 0.0000,

192.7286, 222.5032

0.0000

196.7780,
235.6194, 270.9996

■ 19.0152, 26.3393,
32.0988

■ 19.0152, 26.3393,
32.0988

■ 18.0680, 25.8610,
31.6326

■ 20.2412, 26.9625,
32.5830

■ 17.3739, 25.5124,
31.1814

■ 21.7644, 27.7382,
33.0843

■ 16.9065, 25.2806,
30.7445

■ 23.6044, 28.6772,
33.6043

■ 16.6120, 25.1379,
30.3195

■ 25.7784, 29.7882,
34.1436

■ 16.5697, 25.1175,
30.2537

■ 28.3023, 31.0796,
34.7031

■ 31.1911, 32.5589,
35.2835

■ 34.4588, 34.2336,
35.8855

■ 38.1189, 36.1104,
36.5097

■ 42.1839, 38.1959,
37.1566

Harmonies

Analogous

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



19.2716, 26.3393, 22.5982



19.0152, 26.3393, 32.0988



20.2534, 26.3393, 42.7847

Triad

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



19.0152, 26.3393, 32.0988



29.5689, 26.3393, 45.9944



27.3995, 26.3393, 14.2050

Complementary

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



19.0152, 26.3393, 32.0988



16.2661, 10.9797, 7.0571

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.



30.5149, 26.3393, 18.0742



19.0152, 26.3393, 32.0988



31.8455, 26.3393, 35.7632

Square

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



19.0152, 26.3393, 32.0988



26.2019, 26.3393, 51.9482



32.2068, 26.3393, 25.5112



23.9027, 26.3393, 13.6623

Rectangle

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



19.0152, 26.3393, 32.0988



21.8335, 26.3393, 48.6164



32.2068, 26.3393, 25.5112



28.5345, 26.3393, 15.1086

Sweetspot

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



19.0160, 26.3403, 32.0994



46.8606, 54.1280, 62.0303



15.1171, 24.8410, 8.8490



10.3473, 12.1190, 13.9786



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.



19.0160, 26.3403, 32.0994



32.4012, 46.7655, 57.2153



14.2510, 16.0303, 32.9160



6.3668, 7.0194, 7.8550



13.5045, 20.4652, 24.6748



0.2065, 0.3078, 0.3931

Inverse Universe

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



16.2661, 10.9797, 7.0571



26.9477, 16.1976, 7.4738



18.9551, 16.6458, 7.0649



6.2247, 6.2290, 6.5633



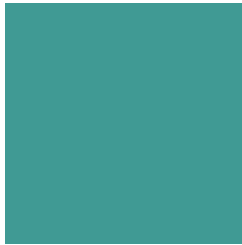
10.9086, 5.6177, 0.7779



0.1670, 0.0855, 0.0321

Previews

White Background



This preview shows how the XYZ color 19.0152, 26.3393, 32.0988 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 19.0152, 26.3393, 32.0988 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 19.0152, 26.3393, 32.0988

Background



This preview shows how black text looks on a background with the XYZ color 19.0152, 26.3393, 32.0988.

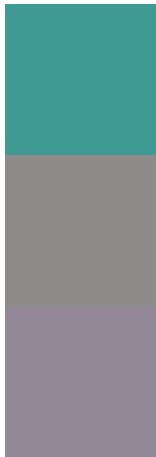


This preview shows how white text looks on a background with the XYZ color 19.0152, 26.3393,

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

19.0152, 26.3393, 32.0988

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

26.5043, 26.0784, 33.3425



Tritanopia

20.4549, 26.4389, 39.1471

Trichromacy



Original Color

19.0152, 26.3393, 32.0988

Protanomaly

21.7952, 25.4769, 29.3600

Deuteranomaly

22.7445, 25.6612, 33.0325

Tritanomaly

19.9467, 26.4800, 36.4076

Monochromacy



Original Color

19.0152, 26.3393, 32.0988

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 19.0152, 26.3393, 32.0988 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(64, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(64, 154, 148)  
}
```

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(64, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 19.0152, 26.3393, 32.0988 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(64, 154, 148) }
```


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

```
.border{ border-color:rgb(64, 154, 148) }
```

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

Here you see how a box with a 4 pixel rgb(64, 154, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(64, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0152, 26.3393, 32.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 154, 148) }
```

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

```
.background{ background-color: rgb(64, 154,  
148) }
```

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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