

Converting Colors

XYZ(17.3164, 27.0721, 19.8325)

Have a look what the booklet for
XYZ(17.3164, 27.0721, 19.8325)
contains.

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Color

**XYZ(17.3032, 26.9806,
19.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9F71
RGB	61, 159, 113
RGB Percent	24%, 62%, 44%
CMY	0.7608, 0.3765, 0.5569
CMYK	0.62, 0.00, 0.29, 0.38
HSL	152°, 45%, 43%
HSV	152°, 62%, 62%
XYZ	17.3032, 26.9806, 19.9186
YIQ	124.4540, -43.6420, -35.0820

Conversions

Conversions Part 2

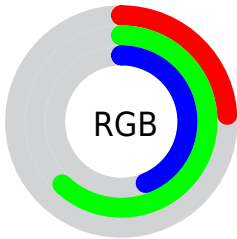
Format	Color
RYB	61, 125, 159
Decimal	4038513
CIELab	58.96, -39.71, 15.70
CIElCh	59, 42.701, 158.428
Yxy	26.9806, 0.2695, 0.4202
Android (android.graphics.Color)	4282228593 (0xFF3D9F71)
YUV	124.4540, -5.6468, -55.6492
Hunter-Lab	51.9429, -31.4381, 13.6240

Details

The XYZ color **17.3032, 26.9806, 19.9186** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.6215, 11.7705, 15.2012**, and the grayscale version is **19.3391, 20.3462, 22.1570**.

A 20% lighter version of the original color is **38.3093, 54.6613, 44.1289**, and **6.2118, 10.8970, 6.7770** is the 20% darker color. If you saturate the color by 10%, you get **16.0628, 26.3885, 17.7569**, and if you desaturate by 10%, it is **18.8698, 27.7383, 22.2771**.

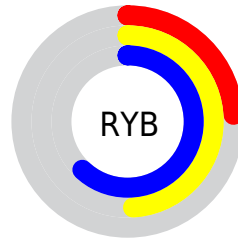
Distribution



Red (24%)

Green (62%)

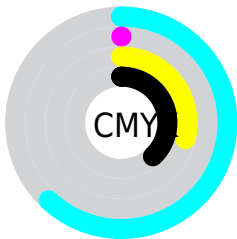
Blue (44%)



Red (24%)

Yellow (49%)

Blue (62%)

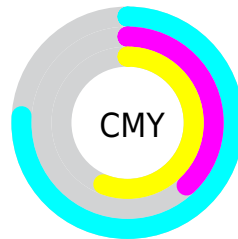


Cyan (62%)

Magenta (0%)

Yellow (29%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3032, 26.9806, 19.9186 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 17.3032, 26.9806, 19.9186 by changing the saturation by 10% instead.

■ 17.3032, 26.9806,
19.9186

■ 17.3032, 26.9806,
19.9186

230.0360,
287.5632, 264.0638

■ 10.5475, 17.5587,
12.1524

■ 38.3858, 54.8527,
44.1378

■ 5.8285, 10.6336,
6.7238

■ 53.4435, 74.0717,
61.4280

■ 2.7808, 5.8210,
3.2141

■ 71.9992, 97.3252,
82.7298

■ 1.0389, 2.7366,
1.2050

■ 94.4183, 124.9975,
108.4619

■ 0.0000, 0.9958,
0.0000

■ 121.0662,
157.4730, 139.0428

■ 0.0000, 0.0000,
0.0000

152.3082,

195.1362, 174.8911

188.5097,
238.3715, 216.4252

■ 17.3032, 26.9806,
19.9186

■ 17.3032, 26.9806,
19.9186

■ 16.0628, 26.3885,
17.7569

■ 18.8698, 27.7383,
22.2771

■ 15.1191, 25.9446,
15.7847

■ 20.7844, 28.6707,
24.8360

■ 14.4407, 25.6337,
13.9965

■ 23.0696, 29.7900,
27.6008

■ 14.0133, 25.4431,
12.6356

■ 25.7452, 31.1062,
30.5765

■ 28.8296, 32.6288,
33.7676

■ 32.3400, 34.3666,
37.1787

■ 36.2926, 36.3279,
40.8141

■ 40.7027, 38.5204,
44.6780

■ 45.5849, 40.9517,
48.7745

Harmonies

Analogous

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



19.8296, 26.9806, 11.9603



17.3032, 26.9806, 19.9186



16.8439, 26.9806, 33.8551

Triad

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



17.3032, 26.9806, 19.9186



27.1635, 26.9806, 68.6234



34.4629, 26.9806, 14.7409

Complementary

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



17.3032, 26.9806, 19.9186



18.6215, 11.7705, 15.2012

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.



37.0746, 26.9806, 25.3128



17.3032, 26.9806, 19.9186



32.4971, 26.9806, 58.6040

Square

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



17.3032, 26.9806, 19.9186



22.0845, 26.9806, 65.6305



36.3096, 26.9806, 41.4374



29.5673, 26.9806, 9.7658

Rectangle

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



17.3032, 26.9806, 19.9186



17.7015, 26.9806, 45.5345



36.3096, 26.9806, 41.4374



35.6656, 26.9806, 17.5810

Sweetspot

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



17.3039, 26.9817, 19.9192



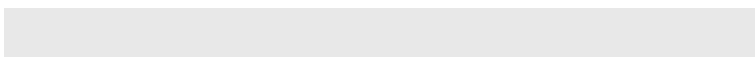
47.8418, 56.5624, 56.5962



19.4703, 28.3455, 8.8602



10.4558, 12.5891, 12.4106



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.



17.3039, 26.9817, 19.9192



28.0688, 46.9277, 30.4281



20.3024, 27.7346, 37.0854



6.6904, 7.4569, 7.8044



11.0890, 20.1035, 10.0916



0.2196, 0.3680, 0.2926

Inverse Universe

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



18.6215, 11.7705, 15.2012



30.6424, 17.3036, 21.2775



16.8983, 11.2229, 5.6907



6.7561, 6.6954, 7.5670



12.3071, 6.2274, 5.8682



0.2413, 0.1198, 0.2166

Previews

White Background



This preview shows how the XYZ color 17.3032, 26.9806, 19.9186 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 17.3032, 26.9806, 19.9186 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 17.3032, 26.9806, 19.9186

Background



This preview shows how black text looks on a background with the XYZ color 17.3032, 26.9806, 19.9186.



This preview shows how white text looks on a background with the XYZ color 17.3032, 26.9806,

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

17.3032, 26.9806, 19.9186

Protanopia

24.8372, 26.6490, 17.1993

Deuteranopia

27.1784, 26.7029, 20.8612



Tritanopia

21.1617, 26.7928, 39.6535

Trichromacy



Original Color

17.3032, 26.9806, 19.9186



Protanomaly

20.7679, 26.1141, 18.1333



Deuteranomaly

21.7298, 25.6431, 20.3273



Tritanomaly

19.5821, 26.8957, 31.3534

Monochromacy



Original Color

17.3032, 26.9806, 19.9186



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

17.7027, 22.0141, 21.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3032, 26.9806, 19.9186 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(61, 159, 113)` looks like.

```
.text, #text, p{  
    color:rgb(61, 159, 113)  
}
```

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(61, 159, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 159, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.3032, 26.9806, 19.9186 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(61, 159, 113) }
```


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

```
.border{ border-color:rgb(61, 159, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 159, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 159, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 159, 113);  
box-shadow:4px 4px 4px 4px rgb(61, 159,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3032, 26.9806, 19.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 159, 113) }
```

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

```
.background{ background-color: rgb(61, 159,  
113) }
```

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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