

Converting Colors

XYZ(17.3018, 25.4169, 29.7774)

Have a look what the booklet for
XYZ(17.3018, 25.4169, 29.7774)
contains.

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Color

**XYZ(17.3132, 25.5153,
29.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	289A8E
RGB	40, 154, 142
RGB Percent	16%, 60%, 56%
CMY	0.8431, 0.3961, 0.4431
CMYK	0.74, 0.00, 0.08, 0.40
HSL	174°, 59%, 38%
HSV	174°, 74%, 60%
XYZ	17.3132, 25.5153, 29.6036
YIQ	118.5460, -64.0920, -27.9000

Conversions

Conversions Part 2

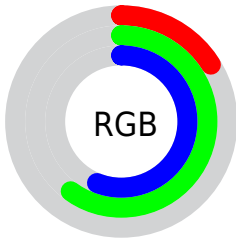
Format	Color
R _Y B	40, 100, 154
Decimal	2661006
CIE _{Lab}	57.57, -33.70, -2.71
CIE _{LCh}	58, 33.806, 184.605
Yxy	25.5153, 0.2390, 0.3523
Android (android.graphics.Color)	4280851086 (0xFF289A8E)
YUV	118.5460, 11.5628, -68.8848
Hunter-Lab	50.5127, -27.2164, 0.6112

Details

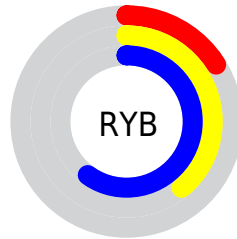
The XYZ color **17.3132, 25.5153, 29.6036** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.7060, 8.6364, 4.1418**, and the grayscale version is **17.3715, 18.2762, 19.9028**.

A 20% lighter version of the original color is **38.4732, 52.5295, 60.3360**, and **6.6831, 10.2754, 11.7563** is the 20% darker color. If you saturate the color by 10%, you get **16.7090, 25.2184, 28.9450**, and if you desaturate by 10%, it is **18.1592, 25.9379, 30.2839**.

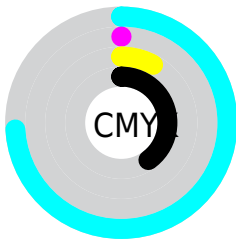
Distribution



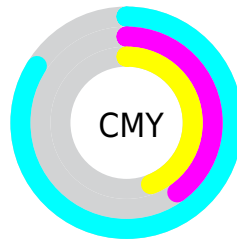
- Red (16%)
- Green (60%)
- Blue (56%)



- Red (16%)
- Yellow (39%)
- Blue (60%)



- Cyan (74%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (84%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3132, 25.5153, 29.6036 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 17.3132, 25.5153, 29.6036 by changing the saturation by 10% instead.

■ 17.3132, 25.5153,
29.6036

■ 17.3132, 25.5153,
29.6036

230.0921,
280.3945, 314.2019

■ 10.5547, 16.4614,
19.2884

■ 38.4028, 52.4920,
60.0883

■ 5.8334, 9.8512,
11.6999

■ 53.4647, 71.1835,
81.0949

■ 2.7837, 5.3004,
6.4197

■ 72.0251, 93.8564,
106.5024

■ 1.0404, 2.4246,
3.0290

■ 94.4493, 120.8950,
136.7293

■ 0.0000, 0.8385,
1.1095

■ 121.1028,
152.6837, 172.1941

■ 0.0000, 0.0000,
0.0000

■ 152.3508,

189.6069, 213.3155

188.5588,
232.0491, 260.5119

■ 17.3132, 25.5153,
29.6036

■ 17.3132, 25.5153,
29.6036

■ 16.7090, 25.2184,
28.9450

■ 18.1592, 25.9379,
30.2839

■ 16.3138, 25.0284,
28.3048

■ 19.2702, 26.4962,
30.9853

■ 16.1282, 24.9408,
27.9288

■ 20.6689, 27.2027,
31.7096

■ 22.3752, 28.0675,
32.4575

■ 24.4071, 29.1000,
33.2301

■ 26.7812, 30.3087,
34.0282

■ 29.5131, 31.7017,
34.8525

■ 32.6173, 33.2863,
35.7037

■ 36.1076, 35.0698,
36.5825

Harmonies

Analogous

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



17.8983, 25.5153, 19.3034



17.3132, 25.5153, 29.6036



18.4116, 25.5153, 42.4018

Triad

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



17.3132, 25.5153, 29.6036



28.9282, 25.5153, 50.3675



27.7320, 25.5153, 12.1594

Complementary

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



17.3132, 25.5153, 29.6036



14.7060, 8.6364, 4.1418

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.



31.2116, 25.5153, 16.9803



17.3132, 25.5153, 29.6036



31.9542, 25.5153, 38.4376

Square

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



17.3132, 25.5153, 29.6036



24.8796, 25.5153, 56.3240



32.8327, 25.5153, 26.0364



23.6341, 25.5153, 11.0023

Rectangle

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



17.3132, 25.5153, 29.6036



20.0310, 25.5153, 50.1069



32.8327, 25.5153, 26.0364



29.0268, 25.5153, 13.3240

Sweetspot

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



17.3139, 25.5163, 29.6042



44.9752, 53.1860, 60.5892



13.4235, 24.0305, 5.9391



9.9528, 11.9229, 13.6334



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.



17.3139, 25.5163, 29.6042



29.8291, 45.5570, 51.7891



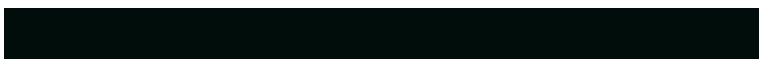
12.3172, 14.0022, 32.6264



6.3566, 7.0153, 7.8010



13.1474, 20.3224, 22.7944



0.2035, 0.3066, 0.3776

Inverse Universe

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



14.7060, 8.6364, 4.1418



24.8994, 13.2202, 3.3405



16.8576, 13.3186, 3.6905



6.2339, 6.2327, 6.6120



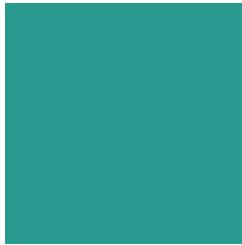
10.9420, 5.6310, 0.9534



0.1697, 0.0866, 0.0463

Previews

White Background



This preview shows how the XYZ color 17.3132, 25.5153, 29.6036 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 17.3132, 25.5153, 29.6036 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

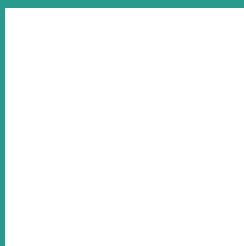
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3132, 25.5153, 29.6036

Background



This preview shows how black text looks on a background with the XYZ color 17.3132, 25.5153, 29.6036.

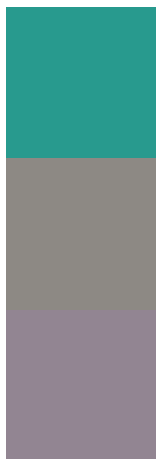


This preview shows how white text looks on a background with the XYZ color 17.3132, 25.5153,

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

17.3132, 25.5153, 29.6036

Protanopia

24.0950, 25.2200, 25.4278

Deuteranopia

25.4299, 24.9614, 30.6719



Tritanopia

19.1457, 25.5344, 38.5699

Trichromacy



Original Color

17.3132, 25.5153, 29.6036

Protanomaly

19.9753, 24.3656, 26.9428

Deuteranomaly

20.6991, 24.2199, 30.3720

Tritanomaly

18.3636, 25.4514, 34.9551

Monochromacy



Original Color

17.3132, 25.5153, 29.6036

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.2985, 20.2085, 23.1203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3132, 25.5153, 29.6036 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(40, 154, 142)` looks like.

```
.text, #text, p{  
    color:rgb(40, 154, 142)  
}
```

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(40, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 154, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.3132, 25.5153, 29.6036 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(40, 154, 142) }
```


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

```
.border{ border-color:rgb(40, 154, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(40, 154,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3132, 25.5153, 29.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 154, 142) }
```

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

```
.background{ background-color: rgb(40, 154,  
142) }
```

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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