

Converting Colors

XYZ(17.6541, 28.3145, 23.1300)

Have a look what the booklet for
XYZ(17.6541, 28.3145, 23.1300)
contains.

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Color

**XYZ(17.7257, 28.4321,
23.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	28A47B
RGB	40, 164, 123
RGB Percent	16%, 64%, 48%
CMY	0.8431, 0.3569, 0.5176
CMYK	0.76, 0.00, 0.25, 0.36
HSL	160°, 61%, 40%
HSV	160°, 76%, 64%
XYZ	17.7257, 28.4321, 23.2926
YIQ	122.2500, -60.7430, -39.0390

Conversions

Conversions Part 2

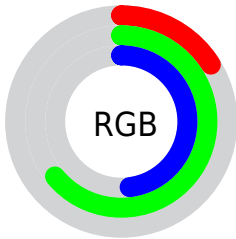
Format	Color
RYB	40, 114, 164
Decimal	2663547
CIELab	60.28, -43.11, 11.90
CIElCh	60, 44.726, 164.572
Yxy	28.4321, 0.2552, 0.4094
Android (android.graphics.Color)	4280853627 (0xFF28A47B)
YUV	122.2500, 0.3698, -72.1333
Hunter-Lab	53.3218, -33.9745, 11.4255

Details

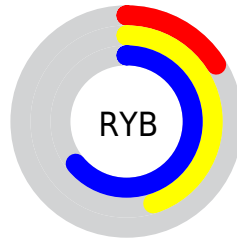
The XYZ color **17.7257, 28.4321, 23.2926** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.5548, 10.0049, 8.7917**, and the grayscale version is **18.5943, 19.5627, 21.3037**.

A 20% lighter version of the original color is **39.2554, 57.3242, 50.0700**, and **6.9205, 11.8633, 8.4037** is the 20% darker color. If you saturate the color by 10%, you get **16.8883, 28.0393, 21.5305**, and if you desaturate by 10%, it is **18.8539, 28.9741, 25.1677**.

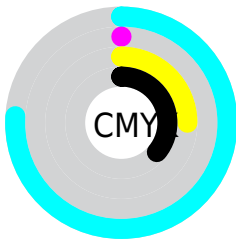
Distribution



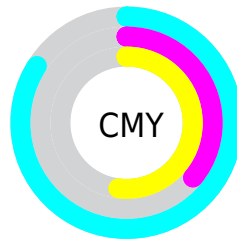
- Red (16%)
- Green (64%)
- Blue (48%)



- Red (16%)
- Yellow (45%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7257, 28.4321, 23.2926 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 17.7257, 28.4321, 23.2926 by changing the saturation by 10% instead.

■ 17.7257, 28.4321,
23.2926

■ 17.7257, 28.4321,
23.2926

232.3960,
294.5259, 282.3948

■ 10.8517, 18.6516,
14.6024

■ 39.1031, 57.1736,
49.8026

■ 6.0338, 11.4188,
8.3973

■ 54.3373, 76.9034,
68.4595

■ 2.9065, 6.3493,
4.2588

■ 73.0889, 100.7184,
91.2756

■ 1.1045, 3.0586,
1.7684

■ 95.7233, 129.0031,
118.6696

■ 0.0289, 1.1624,
0.4070

■ 122.6058,
162.1418, 151.0600

■ 0.0000, 0.0307,
0.0000

■ 154.1019,

■ 0.0000, 0.0000,

200.5189, 188.8653

0.0000

190.5768,
244.5188, 232.5040

■ 17.7257, 28.4321,
23.2926

■ 17.7257, 28.4321,
23.2926

■ 16.8883, 28.0393,
21.5305

■ 18.8539, 28.9741,
25.1677

■ 16.2994, 27.7717,
19.8761

■ 20.3013, 29.6778,
27.1569

■ 16.0781, 27.6728,
19.1812

■ 22.0956, 30.5580,
29.2635

■ 24.2603, 31.6269,
31.4902

■ 26.8173, 32.8957,
33.8393

■ 29.7864, 34.3747,
36.3133

■ 33.1862, 36.0733,
38.9144

■ 37.0341, 38.0005,
41.6448

■ 41.3464, 40.1647,
44.5065

Harmonies

Analogous

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



19.9992, 28.4321, 13.4683



17.7257, 28.4321, 23.2926



17.6936, 28.4321, 39.6042

Triad

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



17.7257, 28.4321, 23.2926



29.8948, 28.4321, 72.6932



35.6663, 28.4321, 13.6606

Complementary

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



17.7257, 28.4321, 23.2926



17.5548, 10.0049, 8.7917

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.



39.1648, 28.4321, 23.6713



17.7257, 28.4321, 23.2926



35.5264, 28.4321, 59.3495

Square

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



17.7257, 28.4321, 23.2926



24.1949, 28.4321, 72.4778



39.1103, 28.4321, 40.1432



30.0652, 28.4321, 9.4013

Rectangle

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



17.7257, 28.4321, 23.2926



18.9219, 28.4321, 52.5623



39.1103, 28.4321, 40.1432



37.1602, 28.4321, 16.2710

Sweetspot

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



17.7265, 28.4332, 23.2933



49.7832, 60.2597, 62.3789



17.0814, 28.4694, 6.6028



10.5040, 12.9852, 13.3071



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.7265, 28.4332, 23.2933



29.8559, 50.5296, 36.9270



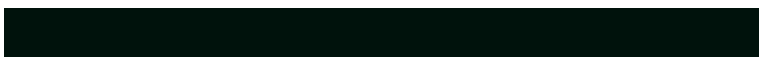
17.4494, 22.8778, 38.6194



7.1760, 7.9712, 8.5388



12.3501, 21.2264, 14.8261



0.2799, 0.4542, 0.4191

Inverse Universe

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



17.5548, 10.0049, 8.7917



29.6173, 15.4374, 9.7511



17.3448, 11.3486, 3.2843



7.1659, 7.1228, 7.8599



12.2736, 6.2655, 3.3655



0.2790, 0.1401, 0.1818

Previews

White Background



This preview shows how the XYZ color 17.7257, 28.4321, 23.2926 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 17.7257, 28.4321, 23.2926 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 17.7257, 28.4321, 23.2926

Background



This preview shows how black text looks on a background with the XYZ color 17.7257, 28.4321, 23.2926.



This preview shows how white text looks on a background with the XYZ color 17.7257, 28.4321,

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

17.7257, 28.4321, 23.2926

Protanopia

26.2803, 28.0088, 19.6439

Deuteranopia

28.5049, 27.9427, 24.6600



Tritanopia

21.6919, 28.4840, 42.8828

Trichromacy



Original Color

17.7257, 28.4321, 23.2926



Protanomaly

21.0875, 26.9283, 20.9159



Deuteranomaly

22.0284, 26.6341, 24.0585



Tritanomaly

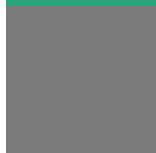
19.9791, 28.2869, 34.9788

Monochromacy



Original Color

17.7257, 28.4321, 23.2926



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

16.8721, 21.5718, 21.6869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7257, 28.4321, 23.2926 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, 164, 123)` looks like.

```
.text, #text, p{  
  color:rgb(40, 164, 123)  
}
```

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, 164, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 164, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.7257, 28.4321, 23.2926 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, 164, 123) }
```


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

```
.border{ border-color:rgb(40, 164, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 164, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 164, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 164, 123);  
box-shadow:4px 4px 4px 4px rgb(40, 164,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7257, 28.4321, 23.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 164, 123) }
```

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

```
.background{ background-color: rgb(40, 164,  
123) }
```

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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