

Converting Colors

XYZ(18.1369, 28.0249, 24.2205)

Have a look what the booklet for
XYZ(18.1369, 28.0249, 24.2205)
contains.

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Color

**XYZ(18.1544, 28.1039,
24.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	35A27E
RGB	53, 162, 126
RGB Percent	21%, 64%, 49%
CMY	0.7921, 0.3647, 0.5059
CMYK	0.67, 0.00, 0.22, 0.36
HSL	160°, 51%, 42%
HSV	160°, 67%, 64%
XYZ	18.1544, 28.1039, 24.2064
YIQ	125.3050, -53.4080, -34.3040

Conversions

Conversions Part 2

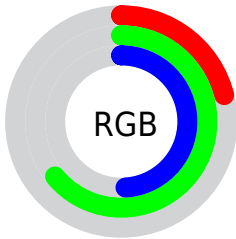
Format	Color
RYB	53, 118, 162
Decimal	3515006
CIELab	59.98, -39.56, 9.85
CIELCh	60, 40.767, 166.024
Yxy	28.1039, 0.2576, 0.3988
Android (android.graphics.Color)	4281705086 (0xFF35A27E)
YUV	125.3050, 0.3426, -63.4115
Hunter-Lab	53.0131, -31.6454, 10.0367

Details

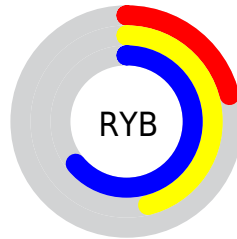
The XYZ color **18.1544, 28.1039, 24.2064** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.9775, 10.9495, 10.6181**, and the grayscale version is **19.6083, 20.6294, 22.4654**.

A 20% lighter version of the original color is **40.0181, 56.9082, 51.5230**, and **6.8082, 11.4731, 8.8769** is the 20% darker color. If you saturate the color by 10%, you get **17.1065, 27.6032, 22.4034**, and if you desaturate by 10%, it is **19.5102, 28.7626, 26.1215**.

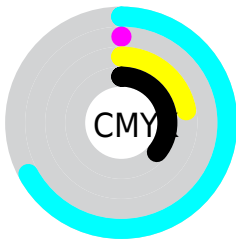
Distribution



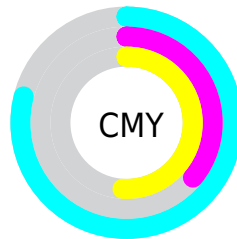
- Red (21%)
- Green (64%)
- Blue (49%)



- Red (21%)
- Yellow (46%)
- Blue (64%)



- Cyan (67%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (79%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1544, 28.1039, 24.2064 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 18.1544, 28.1039, 24.2064 by changing the saturation by 10% instead.

■ 18.1544, 28.1039,
24.2064

■ 18.1544, 28.1039,
24.2064

234.7687,
292.9631, 287.1824

■ 11.1613, 18.4040,
15.2732

■ 39.8283, 56.6503,
51.3149

■ 6.2435, 11.2404,
8.8626

■ 55.2397, 76.2655,
70.3272

■ 3.0358, 6.2288,
4.5561

■ 74.1879, 99.9547,
93.5363

■ 1.1727, 2.9847,
1.9351

■ 97.0383, 128.1022,
121.3607

■ 0.0847, 1.1237,
0.5149

■ 124.1563,
161.0924, 154.2190

■ 0.0000, 0.0000,
0.0000

155.9070,

199.3097, 192.5297

192.6561,
243.1384, 236.7113

■ 18.1544, 28.1039,
24.2064

■ 18.1544, 28.1039,
24.2064

■ 17.1065, 27.6032,
22.4034

■ 19.5102, 28.7626,
26.1215

■ 16.3335, 27.2415,
20.7075

■ 21.1980, 29.5895,
28.1494

■ 15.7876, 26.9947,
19.1157

■ 23.2420, 30.5980,
30.2933

■ 15.6540, 26.9349,
18.6998

■ 25.6637, 31.7988,
32.5556

■ 28.4826, 33.2022,
34.9386

■ 31.7169, 34.8174,
37.4444

■ 35.3836, 36.6532,
40.0752

■ 39.4989, 38.7179,
42.8330

■ 44.0779, 41.0194,
45.7198

Harmonies

Analogous

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



20.1575, 28.1039, 14.7417



18.1544, 28.1039, 24.2064



18.2258, 28.1039, 39.1829

Triad

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



18.1544, 28.1039, 24.2064



29.5611, 28.1039, 67.0892



34.2540, 28.1039, 14.3025

Complementary

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



18.1544, 28.1039, 24.2064



17.9775, 10.9495, 10.6181

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.



37.4921, 28.1039, 23.3726



18.1544, 28.1039, 24.2064



34.5524, 28.1039, 55.0312

Square

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



18.1544, 28.1039, 24.2064



24.3745, 28.1039, 67.5361



37.6078, 28.1039, 38.0314



29.1942, 28.1039, 10.4073

Rectangle

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



18.1544, 28.1039, 24.2064



19.4294, 28.1039, 50.6641



37.6078, 28.1039, 38.0314



35.6188, 28.1039, 16.6865

Sweetspot

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



18.1552, 28.1050, 24.2071



50.0419, 59.4446, 62.0625



17.7157, 28.2392, 7.8855



10.9290, 13.1965, 13.6781



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.



18.1552, 28.1050, 24.2071



30.2581, 49.7350, 39.0270



17.9387, 23.2626, 37.7284



7.1761, 7.9713, 8.5394



12.3526, 21.2274, 14.8394



0.2800, 0.4542, 0.4193

Inverse Universe

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



17.9775, 10.9495, 10.6181



29.9667, 16.3371, 12.8435



17.8076, 12.4668, 4.8363



7.1658, 7.1228, 7.8593



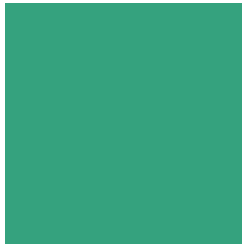
12.2725, 6.2651, 3.3596



0.2790, 0.1401, 0.1816

Previews

White Background



This preview shows how the XYZ color 18.1544, 28.1039, 24.2064 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 18.1544, 28.1039, 24.2064 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

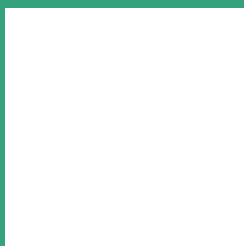
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1544, 28.1039, 24.2064

Background



This preview shows how black text looks on a background with the XYZ color 18.1544, 28.1039, 24.2064.



This preview shows how white text looks on a background with the XYZ color 18.1544, 28.1039,

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

18.1544, 28.1039, 24.2064

Protanopia

25.9822, 27.6047, 20.7884

Deuteranopia

28.0855, 27.4970, 25.2999



Tritanopia

21.6484, 27.9811, 41.7960

Trichromacy



Original Color

18.1544, 28.1039, 24.2064

Protanomaly

21.4990, 26.8818, 21.8249

Deuteranomaly

22.4222, 26.5900, 24.7195

Tritanomaly

20.0910, 27.8436, 34.4524

Monochromacy



Original Color

18.1544, 28.1039, 24.2064

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

17.9357, 22.3103, 22.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1544, 28.1039, 24.2064 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(53, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(53, 162, 126)  
}
```

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(53, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 162, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.1544, 28.1039, 24.2064 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(53, 162, 126) }
```


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

```
.border{ border-color:rgb(53, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(53, 162,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1544, 28.1039, 24.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 162, 126) }
```

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

```
.background{ background-color: rgb(53, 162,  
126) }
```

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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