

Converting Colors

XYZ(18.8021, 29.5058, 24.2463)

Have a look what the booklet for
XYZ(18.8021, 29.5058, 24.2463)
contains.

XYZ(18.7541, 29.4832, 24.1044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.7541, 29.4832,
24.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	34A67D
RGB	52, 166, 125
RGB Percent	20%, 65%, 49%
CMY	0.7961, 0.3490, 0.5098
CMYK	0.69, 0.00, 0.25, 0.35
HSL	158°, 52%, 43%
HSV	158°, 69%, 65%
XYZ	18.7541, 29.4832, 24.1044
YIQ	127.2400, -54.7830, -36.9190

Conversions

Conversions Part 2

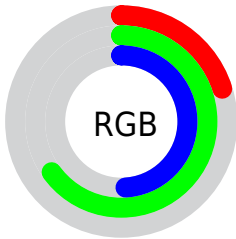
Format	Color
RYB	52, 121, 166
Decimal	3450493
CIELab	61.21, -41.70, 12.13
CIELCh	61, 43.424, 163.785
Yxy	29.4832, 0.2592, 0.4076
Android (android.graphics.Color)	4281640573 (0xFF34A67D)
YUV	127.2400, -1.1043, -65.9855
Hunter-Lab	54.2984, -33.3703, 11.6886

Details

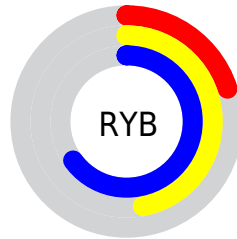
The XYZ color **18.7541, 29.4832, 24.1044** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.9307, 11.3541, 11.5510**, and the grayscale version is **20.2733, 21.3291, 23.2274**.

A 20% lighter version of the original color is **40.9672, 58.9676, 51.3422**, and **7.2096, 12.3321, 8.8378** is the 20% darker color. If you saturate the color by 10%, you get **17.6753, 28.9706, 22.1228**, and if you desaturate by 10%, it is **20.1579, 30.1622, 26.2222**.

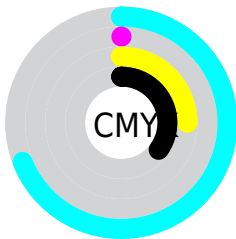
Distribution



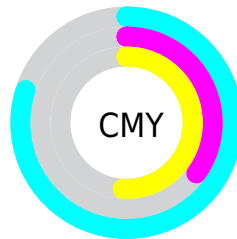
- Red (20%)
- Green (65%)
- Blue (49%)



- Red (20%)
- Yellow (47%)
- Blue (65%)



- Cyan (69%)
- Magenta (0%)
- Yellow (25%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7541, 29.4832, 24.1044 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 18.7541, 29.4832, 24.1044 by changing the saturation by 10% instead.

■ 18.7541, 29.4832,
24.1044

■ 18.7541, 29.4832,
24.1044

238.0521,
299.4880, 286.6514

■ 11.5957, 19.4467,
15.1982

■ 40.8383, 58.8439,
51.1465

■ 6.5392, 11.9935,
8.8104

■ 56.4947, 78.9369,
70.1194

■ 3.2194, 6.7392,
4.5226

■ 75.7146, 103.1508,
93.2850

■ 1.2708, 3.2996,
1.9162

■ 98.8632, 131.8700,
121.0617

■ 0.1612, 1.2901,
0.5030

■ 126.3059,
165.4790, 153.8682

■ 0.0000, 0.1335,
0.0000

158.4080,

■ 0.0000, 0.0000,

204.3620, 192.1230

0.0000

195.5350,
248.9036, 236.2445

■ 18.7541, 29.4832,
24.1044

■ 18.7541, 29.4832,
24.1044

■ 17.6753, 28.9706,
22.1228

■ 20.1579, 30.1622,
26.2222

■ 16.8855, 28.6036,
20.2717

■ 21.9129, 31.0189,
28.4776

■ 16.3229, 28.3511,
18.5467

■ 24.0455, 32.0674,
30.8744

■ 16.2538, 28.3203,
18.3266

■ 26.5787, 33.3197,
33.4156

■ 29.5335, 34.7865,
36.1041

■ 32.9296, 36.4780,
38.9426

■ 36.7853, 38.4034,
41.9339

■ 41.1179, 40.5718,
45.0805

■ 45.9437, 42.9915,
48.3849

Harmonies

Analogous

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



21.0970, 29.4832, 14.3435



18.7541, 29.4832, 24.1044



18.6622, 29.4832, 40.1854

Triad

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



18.7541, 29.4832, 24.1044



30.7190, 29.4832, 73.3016



36.7119, 29.4832, 14.9010

Complementary

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



18.7541, 29.4832, 24.1044



18.9307, 11.3541, 11.5510

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.



40.0839, 29.4832, 25.1828



18.7541, 29.4832, 24.1044



36.3196, 29.4832, 60.5439

Square

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



18.7541, 29.4832, 24.1044



25.0700, 29.4832, 72.7055



39.9313, 29.4832, 41.6982



31.1990, 29.4832, 10.3980

Rectangle

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



18.7541, 29.4832, 24.1044



19.8586, 29.4832, 52.9334



39.9313, 29.4832, 41.6982



38.1647, 29.4832, 17.6094

Sweetspot

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



18.7549, 29.4844, 24.1051



52.0634, 62.3689, 64.1704



18.8527, 29.8908, 8.0252



11.3287, 13.7970, 14.0695



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



18.7549, 29.4844, 24.1051



31.3210, 52.2227, 38.4904



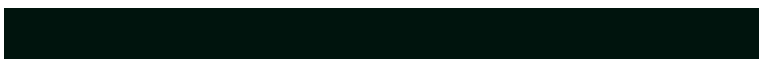
19.3345, 25.5533, 39.9910



7.6313, 8.4856, 9.0445



12.6264, 21.9693, 14.3314



0.3303, 0.5438, 0.4704

Inverse Universe

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



18.9307, 11.3541, 11.5510



31.7122, 17.1435, 14.4539



18.3657, 12.3939, 4.6736



7.6384, 7.5852, 8.4132



12.8418, 6.5454, 3.9782



0.3369, 0.1690, 0.2256

Previews

White Background



This preview shows how the XYZ color 18.7541, 29.4832, 24.1044 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 18.7541, 29.4832, 24.1044 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 18.7541, 29.4832, 24.1044

Background



This preview shows how black text looks on a background with the XYZ color 18.7541, 29.4832, 24.1044.



This preview shows how white text looks on a background with the XYZ color 18.7541, 29.4832,

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

18.7541, 29.4832, 24.1044

Protanopia

27.1416, 28.8866, 20.6682

Deuteranopia

29.4905, 28.8769, 25.1386



Tritanopia

22.7861, 29.5365, 44.0353

Trichromacy



Original Color

18.7541, 29.4832, 24.1044



Protanomaly

22.1922, 27.9659, 21.6811



Deuteranomaly

23.2601, 27.7312, 24.5488



Tritanomaly

21.1011, 29.3648, 36.0083

Monochromacy



Original Color

18.7541, 29.4832, 24.1044



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

18.5463, 23.2654, 23.2518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7541, 29.4832, 24.1044 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(52, 166, 125)` looks like.

```
.text, #text, p{  
    color:rgb(52, 166, 125)  
}
```

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(52, 166, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 166, 125) }
```

Border

The CSS property to change the border of an element to XYZ 18.7541, 29.4832, 24.1044 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(52, 166, 125) }
```


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

```
.border{ border-color:rgb(52, 166, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 166, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 166, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 166, 125);  
box-shadow:4px 4px 4px 4px rgb(52, 166,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7541, 29.4832, 24.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 166, 125) }
```

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

```
.background{ background-color: rgb(52, 166,  
125) }
```

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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