

Converting Colors

XYZ(19.2144, 30.1583, 21.2716)

Have a look what the booklet for
XYZ(19.2144, 30.1583, 21.2716)
contains.

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Color

**XYZ(19.1511, 30.0222,
21.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	41A774
RGB	65, 167, 116
RGB Percent	25%, 65%, 45%
CMY	0.7451, 0.3451, 0.5451
CMYK	0.61, 0.00, 0.31, 0.35
HSL	150°, 44%, 45%
HSV	150°, 61%, 65%
XYZ	19.1511, 30.0222, 21.3085
YIQ	130.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

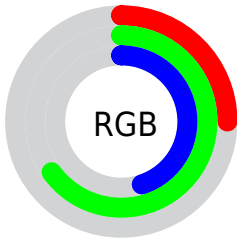
Format	Color
RYB	65, 133, 167
Decimal	4302708
CIELab	61.67, -41.67, 17.80
CIELCh	62, 45.316, 156.867
Yxy	30.0222, 0.2717, 0.4260
Android (android.graphics.Color)	4282492788 (0xFF41A774)
YUV	130.6880, -7.2412, -57.6084
Hunter-Lab	54.7925, -33.4975, 15.2972

Details

The XYZ color **19.1511, 30.0222, 21.3085** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.9800, 13.2578, 17.9775**, and the grayscale version is **21.4992, 22.6188, 24.6319**.

A 20% lighter version of the original color is **41.4816, 59.7401, 46.3905**, and **7.0304, 12.4399, 7.3408** is the 20% darker color. If you saturate the color by 10%, you get **17.7407, 29.3496, 18.8203**, and if you desaturate by 10%, it is **20.9336, 30.8832, 24.0434**.

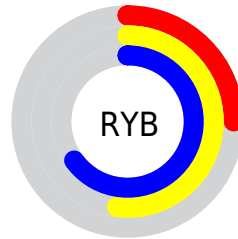
Distribution



Red (25%)

Green (65%)

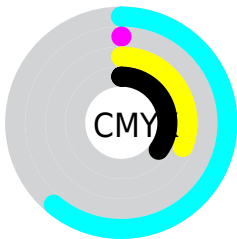
Blue (45%)



Red (25%)

Yellow (52%)

Blue (65%)

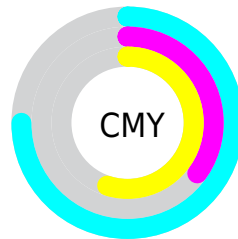


Cyan (61%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (75%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1511, 30.0222, 21.3085 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 19.1511, 30.0222, 21.3085 by changing the saturation by 10% instead.

■ 19.1511, 30.0222,
21.3085

■ 19.1511, 30.0222,
21.3085

240.2038,
302.0079, 271.7482

■ 11.8842, 19.8554,
13.1563

■ 41.5042, 59.6973,
46.4878

■ 6.7365, 12.2900,
7.4042

■ 57.3210, 79.9744,
64.3520

■ 3.3427, 6.9415,
3.6339

■ 76.7185, 104.3904,
86.2906

■ 1.3375, 3.4255,
1.4267

■ 100.0621,
133.3297, 112.7221

■ 0.2110, 1.3577,
0.1624

■ 127.7170,
167.1768, 144.0650

■ 0.0000, 0.1853,
0.0000

160.0487,

■ 0.0000, 0.0000,

206.3159, 180.7380

0.0000

197.4225,
251.1314, 223.1596

■ 19.1511, 30.0222,
21.3085

■ 19.1511, 30.0222,
21.3085

■ 17.7407, 29.3496,
18.8203

■ 20.9336, 30.8832,
24.0434

■ 16.6692, 28.8459,
16.5692

■ 23.1130, 31.9429,
27.0300

■ 15.9009, 28.4937,
14.5481

■ 25.7148, 33.2150,
30.2757

■ 15.3999, 28.2708,
12.9302

■ 28.7614, 34.7111,
33.7868

■ 32.2738, 36.4417,
37.5695

■ 36.2713, 38.4168,
41.6298

■ 40.7725, 40.6457,
45.9733

■ 45.7947, 43.1374,
50.6058

■ 51.3544, 45.9003,
55.5325

Harmonies

Analogous

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



22.1327, 30.0222, 12.6792



19.1511, 30.0222, 21.3085



18.5080, 30.0222, 36.8196

Triad

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



19.1511, 30.0222, 21.3085



29.9432, 30.0222, 77.9432



38.8451, 30.0222, 16.5482

Complementary

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



19.1511, 30.0222, 21.3085



20.9800, 13.2578, 17.9775

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.



41.6542, 30.0222, 28.8796



19.1511, 30.0222, 21.3085



36.0668, 30.0222, 67.0730

Square

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



19.1511, 30.0222, 21.3085



24.2209, 30.0222, 73.6860



40.5718, 30.0222, 47.5358



33.3336, 30.0222, 10.6839

Rectangle

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



19.1511, 30.0222, 21.3085



19.3968, 30.0222, 50.0961



40.5718, 30.0222, 47.5358



40.1697, 30.0222, 19.8688

Sweetspot

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



19.1519, 30.0234, 21.3092



53.1536, 62.9729, 62.3223



22.2044, 31.8510, 9.9790



11.5178, 13.9066, 13.5308



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.



19.1519, 30.0234, 21.3092



31.0849, 52.2366, 32.3505



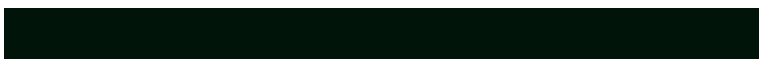
22.8186, 31.4901, 40.6176



7.5873, 8.4680, 8.8128



11.8085, 21.6422, 10.0244



0.3132, 0.5369, 0.3800

Inverse Universe

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



20.9800, 13.2578, 17.9775



34.6418, 19.6170, 25.8683



18.8316, 12.3984, 6.6642



7.6817, 7.6025, 8.6409



13.4291, 6.7803, 7.0710



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 19.1511, 30.0222, 21.3085 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 19.1511, 30.0222, 21.3085 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 ✓ Pass

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

XYZ 19.1511, 30.0222, 21.3085

Background



This preview shows how black text looks on a background with the XYZ color 19.1511, 30.0222, 21.3085.



This preview shows how white text looks on a background with the XYZ color 19.1511, 30.0222,

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

19.1511, 30.0222, 21.3085

Protanopia

27.5418, 29.6123, 18.1740

Deuteranopia

29.9804, 29.4091, 22.5087



Tritanopia

23.7698, 30.0436, 44.0813

Trichromacy



Original Color

19.1511, 30.0222, 21.3085

Protanomaly

22.9933, 28.9285, 19.1237

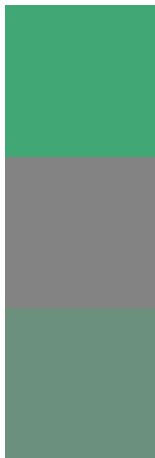
Deuteranomaly

23.9725, 28.3948, 21.9866

Tritanomaly

21.8253, 30.0392, 34.3536

Monochromacy



Original Color

19.1511, 30.0222, 21.3085

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

19.8026, 24.5787, 23.4391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1511, 30.0222, 21.3085 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(65, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(65, 167, 116)  
}
```

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(65, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 167, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.1511, 30.0222, 21.3085 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(65, 167, 116) }
```


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

```
.border{ border-color:rgb(65, 167, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 167, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 167, 116);  
box-shadow:4px 4px 4px 4px rgb(65, 167,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1511, 30.0222, 21.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 167, 116) }
```

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

```
.background{ background-color: rgb(65, 167,  
116) }
```

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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