

Converting Colors

XYZ(19.2917, 28.6592, 21.4474)

Have a look what the booklet for
XYZ(19.2917, 28.6592, 21.4474)
contains.

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Color

**XYZ(19.3557, 28.7873,
21.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA275
RGB	79, 162, 117
RGB Percent	31%, 64%, 46%
CMY	0.6902, 0.3647, 0.5412
CMYK	0.51, 0.00, 0.28, 0.36
HSL	147°, 34%, 47%
HSV	147°, 51%, 64%
XYZ	19.3557, 28.7873, 21.3660
YIQ	132.0530, -35.0230, -31.5910

Conversions

Conversions Part 2

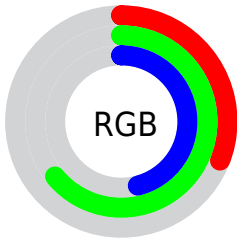
Format	Color
R_{YB}	79, 136, 162
Decimal	5218933
CIE _{Lab}	60.59, -35.98, 15.84
CIE _{LCh}	61, 39.309, 156.242
Yxy	28.7873, 0.2785, 0.4142
Android (android.graphics.Color)	4283409013 (0xFF4FA275)
YUV	132.0530, -7.4211, -46.5275
Hunter-Lab	53.6538, -29.5000, 13.9472

Details

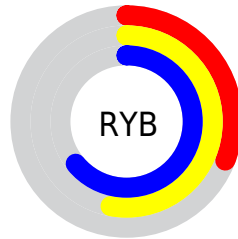
The XYZ color **19.3557, 28.7873, 21.3660** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.3353, 14.7293, 20.7885**, and the grayscale version is **21.9869, 23.1319, 25.1906**.

A 20% lighter version of the original color is **41.6472, 57.4768, 46.4352**, and **6.8996, 11.7101, 7.5269** is the 20% darker color. If you saturate the color by 10%, you get **17.6765, 27.9793, 18.7172**, and if you desaturate by 10%, it is **21.4133, 29.7863, 24.2868**.

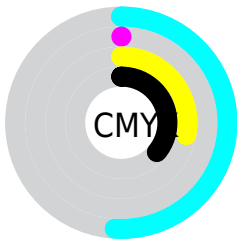
Distribution



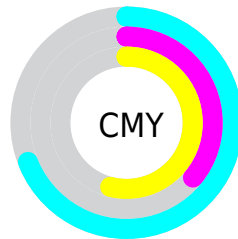
- Red (31%)
- Green (64%)
- Blue (46%)



- Red (31%)
- Yellow (53%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3557, 28.7873, 21.3660 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 19.3557, 28.7873, 21.3660 by changing the saturation by 10% instead.

■ 19.3557, 28.7873,
21.3660

■ 19.3557, 28.7873,
21.3660

241.3060,
296.2101, 272.0619

■ 12.0331, 18.9200,
13.1980

■ 41.8465, 57.7390,
46.5845

■ 6.8386, 11.6125,
7.4327

■ 57.7455, 77.5921,
64.4721

■ 3.4068, 6.4804,
3.6516

■ 77.2339, 101.5427,
86.4366

■ 1.3724, 3.1393,
1.4362

■ 100.6772,
129.9750, 112.8966

■ 0.2364, 1.2049,
0.1697

■ 128.4407,
163.2735, 144.2705

■ 0.0000, 0.0657,
0.0000

160.8898,

■ 0.0000, 0.0000,

201.8226, 180.9771

0.0000

198.3898,
246.0066, 223.4347

■ 19.3557, 28.7873,
21.3660

■ 19.3557, 28.7873,
21.3660

■ 17.6765, 27.9793,
18.7172

■ 21.4133, 29.7863,
24.2868

■ 16.3478, 27.3458,
16.3303

■ 23.8700, 30.9846,
27.4853

■ 15.3414, 26.8731,
14.1973

■ 26.7480, 32.3940,
30.9695

■ 14.6231, 26.5439,
12.3090

■ 30.0667, 34.0248,
34.7467

■ 14.1626, 26.3384,
10.8457

■ 33.8447, 35.8860,
38.8236

■ 38.0991, 37.9866,
43.2069

■ 42.8463, 40.3349,
47.9029

■ 48.1021, 42.9388,
52.9178

■ 53.8812, 45.8058,
58.2577

Harmonies

Analogous

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



21.9807, 28.7873, 13.7554



19.3557, 28.7873, 21.3660



18.7505, 28.7873, 34.4872

Triad

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



19.3557, 28.7873, 21.3660



28.4379, 28.7873, 68.2142



36.0252, 28.7873, 17.5380

Complementary

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



19.3557, 28.7873, 21.3660



21.3353, 14.7293, 20.7885

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.



38.2722, 28.7873, 28.3987



19.3557, 28.7873, 21.3660



33.5557, 28.7873, 59.7730

Square

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



19.3557, 28.7873, 21.3660



23.6098, 28.7873, 64.5759



37.3168, 28.7873, 44.0276



31.4909, 28.7873, 12.0718

Rectangle

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



19.3557, 28.7873, 21.3660



19.4982, 28.7873, 45.4210



37.3168, 28.7873, 44.0276



37.0971, 28.7873, 20.5257

Sweetspot

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



19.3565, 28.7885, 21.3667



52.0426, 60.5185, 60.2350



22.7390, 30.7401, 12.1325



11.4171, 13.4588, 13.2194



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.



19.3565, 28.7885, 21.3667



31.8395, 50.6730, 33.5568



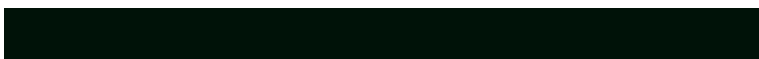
22.3044, 29.9676, 36.8902



7.1141, 7.9465, 8.2126



11.1785, 20.7577, 8.6563



0.2587, 0.4457, 0.3071

Inverse Universe

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



21.3353, 14.7293, 20.7885



35.8211, 22.3468, 32.3646



19.2643, 13.9008, 9.8822



7.2268, 7.1472, 8.1809



13.1431, 6.6133, 7.9439



0.2997, 0.1484, 0.2908

Previews

White Background



This preview shows how the XYZ color 19.3557, 28.7873, 21.3660 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 19.3557, 28.7873, 21.3660 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 19.3557, 28.7873, 21.3660

Background



This preview shows how black text looks on a background with the XYZ color 19.3557, 28.7873, 21.3660.



This preview shows how white text looks on a background with the XYZ color 19.3557, 28.7873,

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

19.3557, 28.7873, 21.3660

Protanopia

26.5960, 28.4228, 18.5524

Deuteranopia

29.0394, 28.4861, 22.3802



Tritanopia

23.3034, 28.5970, 41.3373

Trichromacy



Original Color

19.3557, 28.7873, 21.3660

Protanomaly

22.8933, 27.8923, 19.5064

Deuteranomaly

24.1334, 27.7701, 21.8575

Tritanomaly

21.6762, 28.6984, 32.8307

Monochromacy



Original Color

19.3557, 28.7873, 21.3660

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.4633, 24.6879, 23.7654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3557, 28.7873, 21.3660 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(79, 162, 117)` looks like.

```
.text, #text, p{  
    color:rgb(79, 162, 117)  
}
```

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(79, 162, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 162, 117) }
```

Border

The CSS property to change the border of an element to XYZ 19.3557, 28.7873, 21.3660 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(79, 162, 117) }
```


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

```
.border{ border-color:rgb(79, 162, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 162, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 162, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 162, 117);  
box-shadow:4px 4px 4px 4px rgb(79, 162,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3557, 28.7873, 21.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 162, 117) }
```

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

```
.background{ background-color: rgb(79, 162,  
117) }
```

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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