

Converting Colors

XYZ(32.7675, 36.5754, 19.3093)

Have a look what the booklet for
XYZ(32.7675, 36.5754, 19.3093)
contains.

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Color

**XYZ(32.6865, 36.5179,
19.2358)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA56B
RGB	170, 165, 107
RGB Percent	67%, 65%, 42%
CMY	0.3333, 0.3529, 0.5804
CMYK	0.00, 0.03, 0.37, 0.33
HSL	55°, 27%, 54%
HSV	55°, 37%, 67%
XYZ	32.6865, 36.5179, 19.2358
YIQ	159.8830, 21.5980, -16.9780

Conversions

Conversions Part 2

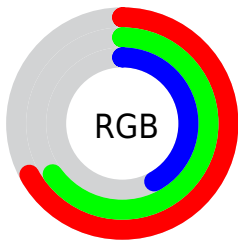
Format	Color
RYB	112, 170, 107
Decimal	11183467
CIELab	66.91, -7.08, 30.73
CIELCh	67, 31.538, 102.976
Yxy	36.5179, 0.3696, 0.4129
Android (android.graphics.Color)	4289373547 (0xFFAAA56B)
YUV	159.8830, -26.0713, 8.8726
Hunter-Lab	60.4300, -9.2022, 23.4281

Details

The XYZ color **32.6865, 36.5179, 19.2358** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1131, 17.6158, 40.4228**, and the grayscale version is **33.4698, 35.2129, 38.3468**.

A 20% lighter version of the original color is **63.2152, 69.8584, 42.9531**, and **14.0050, 15.8977, 6.3334** is the 20% darker color. If you saturate the color by 10%, you get **31.6372, 35.7125, 14.8990**, and if you desaturate by 10%, it is **33.9161, 37.4021, 24.5011**.

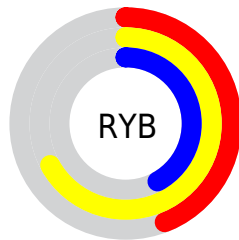
Distribution



Red (67%)

Green (65%)

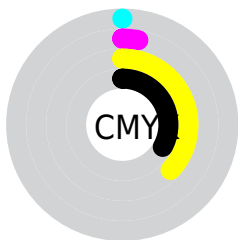
Blue (42%)



Red (44%)

Yellow (67%)

Blue (42%)

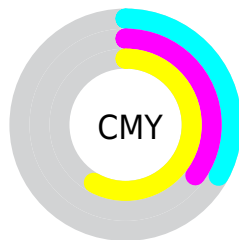


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6865, 36.5179, 19.2358 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 32.6865, 36.5179, 19.2358 by changing the saturation by 10% instead.

■ 32.6865, 36.5179,
19.2358

■ 32.6865, 36.5179,
19.2358

305.9247,
331.2186, 260.2134

■ 22.0445, 24.8344,
11.6623

■ 63.2437, 69.8307,
42.9742

■ 14.0064, 15.9538,
6.3944

■ 83.8896, 92.2288,
59.9761

■ 8.2068, 9.4914,
3.0137

■ 108.6009,
118.9673, 80.9578

■ 4.2805, 5.0631,
1.1016

■ 137.7429,
150.4305, 106.3380

■ 1.8620, 2.2843,
0.0000

171.6809,
187.0028, 136.5351

■ 0.5546, 0.7654,
0.0000

210.7803,

■ 0.0000, 0.0000,

229.0687, 171.9676

0.0000

255.4064,
277.0125, 213.0542

■ 32.6865, 36.5179,
19.2358

■ 32.6865, 36.5179,
19.2358

■ 31.6372, 35.7125,
14.8990

■ 33.9161, 37.4021,
24.5011

■ 30.7550, 34.9767,
11.4339

■ 35.3327, 38.3639,
30.7427

■ 30.0294, 34.3077,
8.7809


■ 36.9461, 39.4086,
38.0078


■ 29.4476, 33.7002,
6.8724


■ 38.7646, 40.5394,
46.3400


■ 28.9945, 33.1483,
5.6292

■ 40.7959, 41.7596,
55.7803

 28.6479, 32.6430,
4.9345

 43.0475, 43.0719,
66.3674

 28.5536, 32.4982,
4.7678

 45.5263, 44.4794,
78.1384

 48.2391, 45.9846,
91.1286

 50.3764, 47.2639,
101.0755

Harmonies

Analogous

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



37.4695, 36.5179, 19.5338



32.6865, 36.5179, 19.2358



28.8145, 36.5179, 23.4486

Triad

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



32.6865, 36.5179, 19.2358



28.4111, 36.5179, 60.5342



44.2575, 36.5179, 47.9746

Complementary

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



32.6865, 36.5179, 19.2358



19.1131, 17.6158, 40.4228

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.



41.3574, 36.5179, 62.2903



32.6865, 36.5179, 19.2358



32.0879, 36.5179, 70.6057

Square

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



32.6865, 36.5179, 19.2358



26.5030, 36.5179, 45.9684



36.8136, 36.5179, 71.3135



44.4553, 36.5179, 34.1406

Rectangle

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



32.6865, 36.5179, 19.2358



27.1503, 36.5179, 28.9634



36.8136, 36.5179, 71.3135



43.5550, 36.5179, 52.9573

Sweetspot

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



32.6874, 36.5196, 19.2366



65.7785, 70.6995, 63.2714



24.7740, 20.2372, 18.0032



14.5832, 15.7108, 13.7238



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.6874, 36.5196, 19.2366



57.8059, 65.1162, 28.6691



28.4867, 35.7177, 19.3032



8.0952, 8.6705, 8.0362



21.0233, 23.9438, 3.5136



0.5259, 0.6114, 0.0903

Inverse Universe

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



19.1131, 17.6158, 40.4228



29.7590, 26.0645, 72.4644



22.2261, 18.4250, 40.4150



7.1778, 7.3926, 9.4669



5.4656, 2.3913, 28.1490



0.1474, 0.0871, 0.6897

Previews

White Background



This preview shows how the XYZ color 32.6865, 36.5179, 19.2358 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.6865, 36.5179, 19.2358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

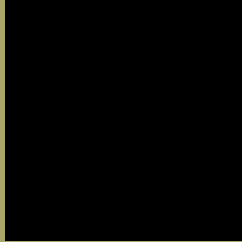
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.6865, 36.5179, 19.2358

Background



This preview shows how black text looks on a background with the XYZ color 32.6865, 36.5179, 19.2358.



This preview shows how white text looks on a background with the XYZ color 32.6865, 36.5179,

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

32.6865, 36.5179, 19.2358

Protanopia

33.8302, 36.5821, 18.9137

Deuteranopia

37.1545, 36.4832, 19.5517



Tritanopia

37.4441, 36.3633, 43.0755

Trichromacy



Original Color

32.6865, 36.5179, 19.2358

Protanomaly

33.3325, 36.5902, 18.9415

Deuteranomaly

35.3546, 36.3181, 19.3341

Tritanomaly

35.2928, 36.2469, 32.7400

Monochromacy



Original Color

32.6865, 36.5179, 19.2358

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.0379, 35.6563, 30.3404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6865, 36.5179, 19.2358 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(170, 165, 107)` looks like.

```
.text, #text, p{  
    color:rgb(170, 165, 107)  
}
```

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(170, 165, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 165, 107) }
```

Border

The CSS property to change the border of an element to XYZ 32.6865, 36.5179, 19.2358 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(170, 165, 107) }
```


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

```
.border{ border-color:rgb(170, 165, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 165, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 165, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 165, 107);  
box-shadow:4px 4px 4px 4px rgb(170, 165,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6865, 36.5179, 19.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 165, 107) }
```

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

```
.background{ background-color: rgb(170,  
165, 107) }
```

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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