

Converting Colors

XYZ(27.0249, 33.5503, 35.8730)

Have a look what the booklet for
XYZ(27.0249, 33.5503, 35.8730)
contains.

XYZ(27.0238, 33.4905, 36.0504)	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(27.0238, 33.4905,
36.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	76A69B
RGB	118, 166, 155
RGB Percent	46%, 65%, 61%
CMY	0.5372, 0.3490, 0.3922
CMYK	0.29, 0.00, 0.07, 0.35
HSL	166°, 21%, 56%
HSV	166°, 29%, 65%
XYZ	27.0238, 33.4905, 36.0504
YIQ	150.3940, -25.0770, -13.5970

Conversions

Conversions Part 2

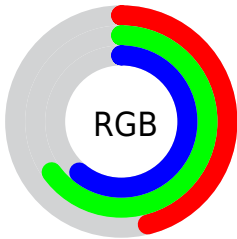
Format	Color
RYB	118, 145, 166
Decimal	7775899
CIELab	64.56, -18.44, 0.53
CIELCh	65, 18.452, 178.357
Yxy	33.4905, 0.2799, 0.3468
Android (android.graphics.Color)	4285965979 (0xFF76A69B)
YUV	150.3940, 2.2708, -28.4095
Hunter-Lab	57.8710, -17.9207, 3.5753

Details

The XYZ color **27.0238, 33.4905, 36.0504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1679, 22.6497, 23.7628**, and the grayscale version is **29.1558, 30.6742, 33.4042**.

A 20% lighter version of the original color is **54.1597, 64.9743, 70.0084**, and **10.8307, 14.2274, 15.2720** is the 20% darker color. If you saturate the color by 10%, you get **24.6506, 32.3043, 34.2981**, and if you desaturate by 10%, it is **29.8057, 34.8880, 37.8759**.

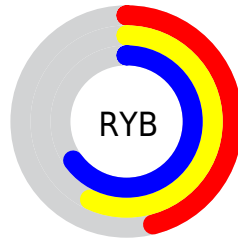
Distribution



Red (46%)

Green (65%)

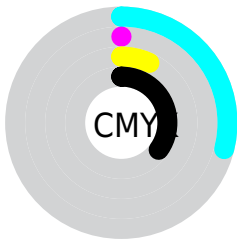
Blue (61%)



Red (46%)

Yellow (57%)

Blue (65%)

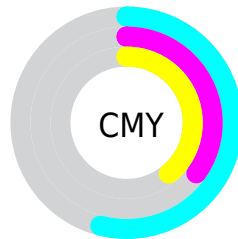


Cyan (29%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0238, 33.4905, 36.0504 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 27.0238, 33.4905, 36.0504 by changing the saturation by 10% instead.

■ 27.0238, 33.4905,
36.0504

■ 27.0238, 33.4905,
36.0504

279.9378,
317.8542, 344.2248

■ 17.7278, 22.5025,
24.1831

■ 54.3417, 65.1406,
70.2798

■ 10.8532, 14.2266,
15.2561

■ 73.0942, 86.5714,
93.4789

■ 6.0348, 8.2784,
8.8507

■ 95.7297, 112.2519,
121.2925

■ 2.9071, 4.2736,
4.5484

122.6134,
142.5666, 154.1390

■ 1.1048, 1.8278,
1.9308

154.1107,
177.8997, 192.4369

■ 0.0292, 0.5044,
0.5122

190.5870,

■ 0.0000, 0.0000,

218.6358, 236.6048

0.0000

232.4075,
265.1591, 287.0613

■ 27.0238, 33.4905,
36.0504

■ 27.0238, 33.4905,
36.0504

■ 24.6506, 32.3043,
34.2981

■ 29.8057, 34.8880,
37.8759

■ 22.6623, 31.3145,
32.6151

■ 33.0129, 36.5027,
39.7736

■ 21.0372, 30.5108,
31.0008

■ 36.6644, 38.3452,
41.7456

■ 19.7501, 29.8801,
29.4534

■ 40.7772, 40.4244,
43.7931

■ 18.7723, 29.4079,
27.9711

■ 45.3675, 42.7485,
45.9174

■ 18.0705, 29.0768,
26.5518

■ 50.4506, 45.3255,
48.1196

■ 17.5799, 28.8534,
25.1920

■ 56.0413, 48.1629,
50.4009

■ 17.5302, 28.8309,
25.0477

■ 62.1534, 51.2679,
52.7624

■ 64.0886, 52.2183,
54.9845

Harmonies

Analogous

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



27.7040, 33.4905, 29.3599



27.0238, 33.4905, 36.0504



27.5716, 33.4905, 43.8131

Triad

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



27.0238, 33.4905, 36.0504



34.3034, 33.4905, 50.8085



34.5689, 33.4905, 25.4392

Complementary

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



27.0238, 33.4905, 36.0504



26.1679, 22.6497, 23.7628

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.



36.5095, 33.4905, 29.9889



27.0238, 33.4905, 36.0504



36.3504, 33.4905, 44.6338

Square

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



27.0238, 33.4905, 36.0504



31.6865, 33.4905, 53.0076



37.1785, 33.4905, 36.8837



31.9774, 33.4905, 23.7817

Rectangle

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



27.0238, 33.4905, 36.0504



28.5773, 33.4905, 48.4403



37.1785, 33.4905, 36.8837



35.3242, 33.4905, 26.6471

Sweetspot

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



27.0248, 33.4919, 36.0512



59.7569, 66.1676, 72.0941



25.9909, 33.2646, 22.1909



13.1788, 14.7094, 16.0230



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.



27.0248, 33.4919, 36.0512



46.0648, 59.2902, 63.2700



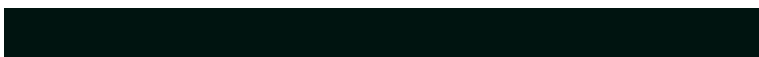
25.7791, 29.4539, 40.4044



7.6729, 8.5022, 9.2636



13.6116, 22.3634, 19.5192



0.3488, 0.5511, 0.5675

Inverse Universe

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



26.1679, 22.6497, 23.7628



44.2446, 36.2081, 37.1289



27.0864, 25.5949, 20.6528



7.5989, 7.5694, 8.2052



12.4819, 6.4015, 2.0834



0.3223, 0.1632, 0.1488

Previews

White Background



This preview shows how the XYZ color 27.0238, 33.4905, 36.0504 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 27.0238, 33.4905, 36.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

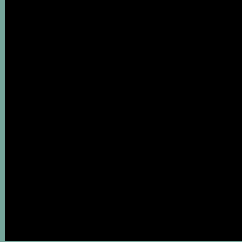
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.0238, 33.4905, 36.0504

Background



This preview shows how black text looks on a background with the XYZ color 27.0238, 33.4905, 36.0504.

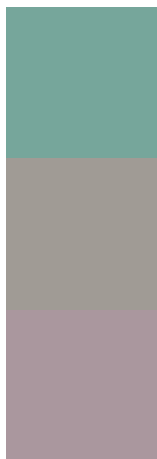


This preview shows how white text looks on a background with the XYZ color 27.0238, 33.4905,

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

27.0238, 33.4905, 36.0504

Protanopia

31.6434, 33.0862, 33.1523

Deuteranopia

33.8157, 33.1479, 36.9637



Tritanopia

29.1020, 33.5399, 46.0143

Trichromacy



Original Color

27.0238, 33.4905, 36.0504

Protanomaly

29.6611, 33.0504, 34.0942

Deuteranomaly

30.7368, 32.7906, 36.6075

Tritanomaly

28.2285, 33.4430, 42.0131

Monochromacy



Original Color

27.0238, 33.4905, 36.0504

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0372, 31.4472, 34.2980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0238, 33.4905, 36.0504 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(118, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(118, 166, 155)  
}
```

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(118, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 166, 155) }
```

Border

The CSS property to change the border of an element to XYZ 27.0238, 33.4905, 36.0504 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(118, 166, 155) }
```


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

```
.border{ border-color:rgb(118, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 166, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 166, 155); box-shadow:4px 4px 4px 4px rgb(118, 166, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0238, 33.4905, 36.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 166, 155) }
```

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

```
.background{ background-color: rgb(118,  
166, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor