

Converting Colors

XYZ(27.1364, 32.1659, 15.1343)

Have a look what the booklet for
XYZ(27.1364, 32.1659, 15.1343)
contains.

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Color

**XYZ(27.1364, 32.1659,
15.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	979F5D
RGB	151, 159, 93
RGB Percent	59%, 62%, 36%
CMY	0.4078, 0.3765, 0.6353
CMYK	0.05, 0.00, 0.42, 0.38
HSL	67°, 26%, 49%
HSV	67°, 42%, 62%
XYZ	27.1364, 32.1659, 15.1343
YIQ	149.0840, 16.4180, -22.2220

Conversions

Conversions Part 2

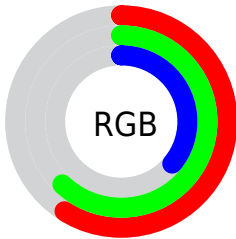
Format	Color
RYB	93, 159, 101
Decimal	9936733
CIELab	63.48, -13.35, 33.43
CIElCh	63, 35.999, 111.765
Yxy	32.1659, 0.3646, 0.4321
Android (android.graphics.Color)	4288126813 (0xFF979F5D)
YUV	149.0840, -27.6494, 1.6803
Hunter-Lab	56.7150, -13.8444, 23.8791

Details

The XYZ color **27.1364, 32.1659, 15.1343** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.5404, 13.0994, 34.5122**, and the grayscale version is **28.7110, 30.2062, 32.8945**.

A 20% lighter version of the original color is **54.5342, 63.2286, 35.7156**, and **10.9818, 13.5672, 4.5226** is the 20% darker color. If you saturate the color by 10%, you get **26.1495, 31.7313, 11.7865**, and if you desaturate by 10%, it is **28.2772, 32.6650, 19.2550**.

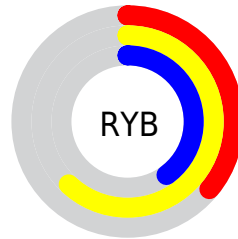
Distribution



Red (59%)

Green (62%)

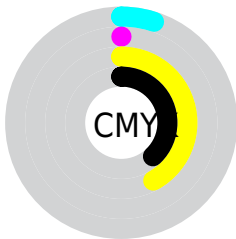
Blue (36%)



Red (36%)

Yellow (62%)

Blue (40%)

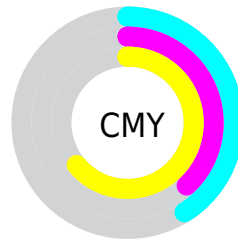


Cyan (5%)

Magenta (0%)

Yellow (42%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1364, 32.1659, 15.1343 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 27.1364, 32.1659, 15.1343 by changing the saturation by 10% instead.

■ 27.1364, 32.1659,
15.1343

■ 27.1364, 32.1659,
15.1343

280.4725,
311.8743, 235.8464

■ 17.8128, 21.4882,
8.7660

■ 54.5210, 63.0711,
35.8342

■ 10.9145, 13.4814,
4.4942

■ 73.3127, 84.0674,
51.0030

■ 6.0763, 7.7608,
1.9002

■ 95.9912, 109.2720,
69.9423

■ 2.9326, 3.9423,
0.4928

■ 122.9218,
139.0694, 93.0707

■ 1.1182, 1.6413,
0.0000

154.4699,
173.8440, 120.8068

■ 0.0403, 0.3852,
0.0000

191.0008,

■ 0.0000, 0.0000,

213.9800, 153.5691

0.0000

232.8799,
259.8620, 191.7761

■ 27.1364, 32.1659,
15.1343

■ 27.1364, 32.1659,
15.1343

■ 26.1495, 31.7313,
11.7865

■ 28.2772, 32.6650,
19.2550

■ 25.3049, 31.3531,
9.1614

■ 29.5780, 33.2277,
24.1907

■ 24.5933, 31.0288,
7.2060


■ 31.0472, 33.8584,
29.9826


■ 24.0030, 30.7537,
5.8595

■ 32.6921, 34.5601,
36.6688


■ 23.5203, 30.5223,
5.0496


■ 34.5195, 35.3355,
44.2850

 23.1672, 30.3490,
4.6369

 36.5359, 36.1872,
52.8650

 38.7473, 37.1176,
62.4407

 41.1597, 38.1290,
73.0430

 43.7785, 39.2238,
84.7009

Harmonies

Analogous

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



31.9740, 32.1659, 14.1925



27.1364, 32.1659, 15.1343



23.6100, 32.1659, 20.5674

Triad

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



27.1364, 32.1659, 15.1343



24.9875, 32.1659, 61.4858



41.1376, 32.1659, 39.1273

Complementary

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



27.1364, 32.1659, 15.1343



15.5404, 13.0994, 34.5122

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.



38.7852, 32.1659, 55.0337



27.1364, 32.1659, 15.1343



29.2130, 32.1659, 70.0588

Square

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



27.1364, 32.1659, 15.1343



22.4670, 32.1659, 46.2876



34.2875, 32.1659, 67.4205



40.4255, 32.1659, 25.7528

Rectangle

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



27.1364, 32.1659, 15.1343



22.3020, 32.1659, 27.0767



34.2875, 32.1659, 67.4205



40.6706, 32.1659, 44.3897

Sweetspot

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



27.1372, 32.1674, 15.1350



55.4001, 60.5486, 52.8954



20.8996, 17.4113, 12.6155



12.4154, 13.6187, 11.6278



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.1372, 32.1674, 15.1350



46.9207, 56.8654, 21.4076



21.8871, 29.4608, 14.8893



7.0910, 7.6795, 7.0942



18.3205, 23.9813, 3.6633



0.3477, 0.4392, 0.0664

Inverse Universe

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



15.5404, 13.0994, 34.5122



23.2610, 17.9376, 60.9798



19.9572, 15.3763, 34.7189



6.3558, 6.4719, 8.3209



5.1797, 2.0992, 26.0394



0.1116, 0.0473, 0.4665

Previews

White Background



This preview shows how the XYZ color 27.1364, 32.1659, 15.1343 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 27.1364, 32.1659, 15.1343 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 27.1364, 32.1659, 15.1343

Background



This preview shows how black text looks on a background with the XYZ color 27.1364, 32.1659, 15.1343.



This preview shows how white text looks on a background with the XYZ color 27.1364, 32.1659,

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

27.1364, 32.1659, 15.1343

Protanopia

29.5924, 32.1914, 14.5514

Deuteranopia

32.7947, 32.1511, 15.5436



Tritanopia

31.9755, 32.1485, 39.1703

Trichromacy



Original Color

27.1364, 32.1659, 15.1343

Protanomaly

28.7205, 32.2310, 14.8327

Deuteranomaly

30.3657, 31.8437, 15.3725

Tritanomaly

29.8533, 32.0141, 28.6507

Monochromacy



Original Color

27.1364, 32.1659, 15.1343

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.9314, 30.8515, 25.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1364, 32.1659, 15.1343 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(151, 159, 93)` looks like.

```
.text, #text, p{  
    color:rgb(151, 159, 93)  
}
```

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(151, 159, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 159, 93) }
```

Border

The CSS property to change the border of an element to XYZ 27.1364, 32.1659, 15.1343 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(151, 159, 93) }
```


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

```
.border{ border-color:rgb(151, 159, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 159, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 159, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 159, 93);  
box-shadow:4px 4px 4px 4px rgb(151, 159,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1364, 32.1659, 15.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 159, 93) }
```

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

```
.background{ background-color: rgb(151,  
159, 93) }
```

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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