

Converting Colors

XYZ(26.1067, 29.6456, 37.1471)

Have a look what the booklet for
XYZ(26.1067, 29.6456, 37.1471)
contains.

XYZ(26.1067, 29.6456, 37.1471)	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(26.1067, 29.6456,
37.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	7D999F
RGB	125, 153, 159
RGB Percent	49%, 60%, 62%
CMY	0.5098, 0.4000, 0.3765
CMYK	0.21, 0.04, 0.00, 0.38
HSL	191°, 15%, 56%
HSV	191°, 21%, 62%
XYZ	26.1067, 29.6456, 37.1471
YIQ	145.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

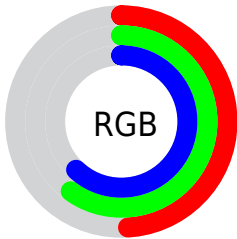
Format	Color
R_{YB}	125, 140, 159
Decimal	8231327
CIE _{Lab}	61.35, -8.37, -6.39
CIE _{LCh}	61, 10.536, 217.355
Yxy	29.6456, 0.2810, 0.3191
Android (android.graphics.Color)	4286421407 (0xFF7D999F)
YUV	145.3120, 6.7482, -17.8136
Hunter-Lab	54.4478, -9.6962, -2.3373

Details

The XYZ color **26.1067, 29.6456, 37.1471** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1164, 25.0844, 22.8680**, and the grayscale version is **27.0200, 28.4272, 30.9572**.

A 20% lighter version of the original color is **52.8105, 58.9457, 72.2126**, and **10.3598, 12.0813, 15.9733** is the 20% darker color. If you saturate the color by 10%, you get **23.5153, 27.6368, 36.8964**, and if you desaturate by 10%, it is **29.0823, 31.8700, 37.4201**.

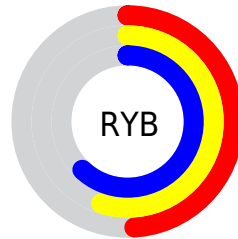
Distribution



Red (49%)

Green (60%)

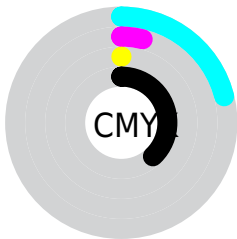
Blue (62%)



Red (49%)

Yellow (55%)

Blue (62%)

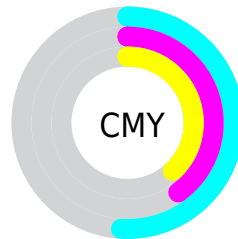


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (51%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1067, 29.6456, 37.1471 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 26.1067, 29.6456, 37.1471 by changing the saturation by 10% instead.

■ 26.1067, 29.6456,
37.1471

■ 26.1067, 29.6456,
37.1471

275.5526,
300.2490, 349.1348

■ 17.0366, 19.5697,
25.0247

■ 52.8771, 59.1013,
71.9878

■ 10.3560, 12.0827,
15.8763

■ 71.3081, 79.2499,
95.5432

■ 5.6997, 6.8000,
9.2832

■ 93.5901, 103.5248,
123.7468

■ 2.7023, 3.3373,
4.8271

120.0885,
132.3106, 157.0169

■ 0.9984, 1.3103,
2.0892

151.1685,
165.9914, 195.7723

■ 0.0000, 0.1491,
0.6093

187.1957,

■ 0.0000, 0.0000,

204.9519, 240.4313

0.0000

228.5352,
249.5763, 291.4127

■ 26.1067, 29.6456,
37.1471

■ 26.1067, 29.6456,
37.1471

■ 23.5153, 27.6368,
36.8964

■ 29.0823, 31.8700,
37.4201

■ 21.2877, 25.8308,
36.6652

■ 32.4559, 34.3149,
37.7142

■ 19.4056, 24.2186,
36.4533

■ 36.2440, 36.9898,
38.0309

■ 17.8481, 22.7895,
36.2595

■ 40.4614, 39.9022,
38.3707

■ 16.5918, 21.5313,
36.0829

■ 45.1219, 43.0596,
38.7345

■ 15.6104, 20.4302,
35.9221

■ 50.2389, 46.4689,
39.1229

■ 14.8725, 19.4700,
35.7756

■ 55.8252, 50.1367,
39.5364

■ 14.3677, 18.7224,
35.6579

■ 61.8930, 54.0696,
39.9757

■ 63.4681, 55.7032,
40.2080

Harmonies

Analogous

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



25.6100, 29.6456, 33.2684



26.1067, 29.6456, 37.1471



27.1612, 29.6456, 39.8672

Triad

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



26.1067, 29.6456, 37.1471



30.7153, 29.6456, 35.3152



27.8367, 29.6456, 25.2704

Complementary

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



26.1067, 29.6456, 37.1471



26.1164, 25.0844, 22.8680

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.



29.2184, 29.6456, 25.7205



26.1067, 29.6456, 37.1471



30.9105, 29.6456, 31.3095

Square

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



26.1067, 29.6456, 37.1471



29.8294, 29.6456, 38.7503



30.3545, 29.6456, 27.8560



26.5873, 29.6456, 26.5715

Rectangle

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



26.1067, 29.6456, 37.1471



28.0542, 29.6456, 40.5405



30.3545, 29.6456, 27.8560



28.3007, 29.6456, 25.2239

Sweetspot

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



26.1076, 29.6468, 37.1478



55.1754, 59.3319, 67.2876



24.9304, 30.7865, 25.9836



12.3572, 13.3169, 15.1628



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.



26.1076, 29.6468, 37.1478



44.2990, 51.2073, 66.2926



23.5673, 24.5662, 36.3010



6.7223, 7.3103, 8.4634



11.3751, 14.8417, 28.1724



0.2273, 0.3131, 0.5117

Inverse Universe

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



27.3822, 24.3388, 33.3929



47.0595, 39.9678, 58.1031



28.5380, 29.9276, 23.6752



6.8539, 6.7345, 8.0818



14.5398, 7.1205, 17.6255



0.2720, 0.1321, 0.3786

Previews

White Background



This preview shows how the XYZ color 26.1067, 29.6456, 37.1471 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 26.1067, 29.6456, 37.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

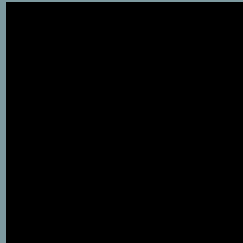
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1067, 29.6456, 37.1471

Background



This preview shows how black text looks on a background with the XYZ color 26.1067, 29.6456, 37.1471.



This preview shows how white text looks on a background with the XYZ color 26.1067, 29.6456,

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

26.1067, 29.6456, 37.1471

Protanopia

28.5629, 29.5299, 35.2048

Deuteranopia

30.1166, 29.5876, 37.8419



Tritanopia

26.5333, 29.5724, 39.4316

Trichromacy



Original Color

26.1067, 29.6456, 37.1471

Protanomaly

27.5634, 29.4706, 35.6881

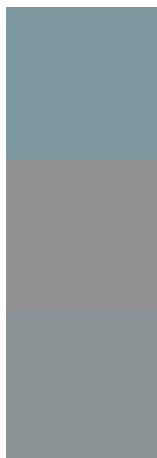
Deuteranomaly

28.4559, 29.4252, 37.4376

Tritanomaly

26.3540, 29.5007, 38.4876

Monochromacy



Original Color

26.1067, 29.6456, 37.1471

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5762, 28.7851, 33.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1067, 29.6456, 37.1471 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(125, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(125, 153, 159)  
}
```

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(125, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 153, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.1067, 29.6456, 37.1471 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(125, 153, 159) }
```


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

```
.border{ border-color:rgb(125, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(125, 153,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1067, 29.6456, 37.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 153, 159) }
```

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

```
.background{ background-color: rgb(125,  
153, 159) }
```

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