

Converting Colors

XYZ(29.3604, 37.8935, 32.1523)

Have a look what the booklet for
XYZ(29.3604, 37.8935, 32.1523)
contains.

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Color

**XYZ(29.3604, 37.8935,
32.1523)**

Conversions

Conversions Part 1	
Format	Color
Hex	7EB190
RGB	126, 177, 144
RGB Percent	49%, 69%, 56%
CMY	0.5059, 0.3059, 0.4353
CMYK	0.29, 0.00, 0.19, 0.31
HSL	141°, 25%, 59%
HSV	141°, 29%, 69%
XYZ	29.3604, 37.8935, 32.1523
YIQ	157.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

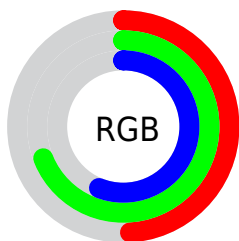
Format	Color
RYB	126, 164, 177
Decimal	8302992
CIELab	67.94, -23.82, 11.55
CIELCh	68, 26.474, 154.145
Yxy	37.8935, 0.2954, 0.3812
Android (android.graphics.Color)	4286493072 (0xFF7EB190)
YUV	157.9890, -6.8966, -28.0544
Hunter-Lab	61.5577, -22.5891, 12.1225

Details

The XYZ color **29.3604, 37.8935, 32.1523** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.8517, 26.7730, 36.2915**, and the grayscale version is **32.5320, 34.2262, 37.2723**.

A 20% lighter version of the original color is **58.1543, 72.0583, 64.2697**, and **12.1297, 16.7193, 13.1775** is the 20% darker color. If you saturate the color by 10%, you get **26.1464, 36.3337, 27.6620**, and if you desaturate by 10%, it is **33.1271, 39.7300, 37.1337**.

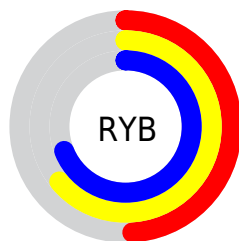
Distribution



Red (49%)

Green (69%)

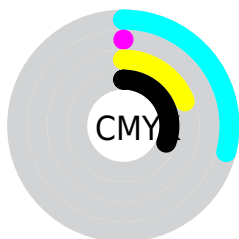
Blue (56%)



Red (49%)

Yellow (64%)

Blue (69%)

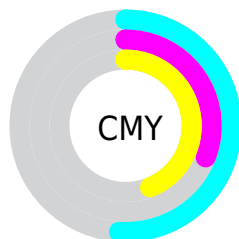


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3604, 37.8935, 32.1523 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 29.3604, 37.8935, 32.1523 by changing the saturation by 10% instead.


 29.3604, 37.8935,
32.1523


 29.3604, 37.8935,
32.1523


290.8753,
337.1629, 326.3265


 19.4993, 25.9000,
21.2121


 58.0428, 71.9449,
64.1505

 12.1377, 16.7489,
13.0864


 77.5948, 94.7716,
86.0455

 6.9104, 10.0556,
7.3566


 101.1078,
121.9781, 112.4291

 3.4520, 5.4358,
3.6043

128.9472,
153.9490, 143.7200

 1.3970, 2.5052,
1.4109

161.4782,
191.0685, 180.3367

 0.2541, 0.8792,
0.1502


199.0664,


 0.0000, 0.0000,


233.7210, 222.6976


0.0000


242.0769,
282.2910, 271.2214


 29.3604, 37.8935,
32.1523


 29.3604, 37.8935,
32.1523


 26.1464, 36.3337,
27.6620


 33.1271, 39.7300,
37.1337


 23.4550, 35.0324,
23.6453


 37.4686, 41.8512,
42.6181


 21.2579, 33.9762,
20.0873


 42.4093, 44.2705,
48.6201


 19.5229, 33.1490,
16.9712


 47.9713, 46.9991,
55.1528


 18.2133, 32.5321,
14.2794


 54.1758, 50.0474,
62.2290


 17.2869, 32.1042,
11.9927


 61.0427, 53.4256,
69.8609

 16.6696, 31.8274,
10.0895

 68.5912, 57.1433,
78.0606

 16.6053, 31.7986,
9.8878

 72.0493, 58.7403,
86.6152

 73.7641, 59.4262,
95.6451

Harmonies

Analogous

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



31.7590, 37.8935, 25.2146



29.3604, 37.8935, 32.1523



28.6930, 37.8935, 42.9177

Triad

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



29.3604, 37.8935, 32.1523



36.5910, 37.8935, 68.2124



42.9639, 37.8935, 29.8113

Complementary

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



29.3604, 37.8935, 32.1523



31.8517, 26.7730, 36.2915

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.



44.4912, 37.8935, 39.6447



29.3604, 37.8935, 32.1523



40.6387, 37.8935, 62.9782

Square

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



29.3604, 37.8935, 32.1523



32.6778, 37.8935, 65.1726



43.6097, 37.8935, 51.9422



39.5755, 37.8935, 24.0544

Rectangle

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



29.3604, 37.8935, 32.1523



29.2734, 37.8935, 51.2311



43.6097, 37.8935, 51.9422



43.7232, 37.8935, 32.6739

Sweetspot

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



29.3614, 37.8951, 32.1531



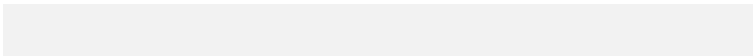
66.8206, 74.8133, 75.9757



33.8172, 40.3386, 25.7430



14.2281, 16.0895, 16.1507



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.3614, 37.8951, 32.1531



48.5724, 65.9170, 52.0324



31.5219, 38.7593, 43.5301



8.5087, 9.5380, 9.6726



12.0570, 23.0488, 7.3031



0.4077, 0.7366, 0.3791

Inverse Universe

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



31.8517, 26.7730, 36.2915



53.8085, 42.5149, 60.7218



29.8722, 25.9812, 25.8676



8.7201, 8.5948, 10.0246



15.3891, 7.6732, 12.4749



0.5107, 0.2520, 0.5318

Previews

White Background



This preview shows how the XYZ color 29.3604, 37.8935, 32.1523 looks on a white background.

Color Contrast Check

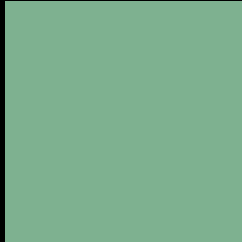
Large Text (above 18pt) WCAG AA × Fail

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 29.3604, 37.8935, 32.1523 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 29.3604, 37.8935, 32.1523

Background



This preview shows how black text looks on a background with the XYZ color 29.3604, 37.8935, 32.1523.



This preview shows how white text looks on a background with the XYZ color 29.3604, 37.8935,

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

29.3604, 37.8935, 32.1523

Protanopia

35.4981, 37.7439, 29.4591

Deuteranopia

38.2369, 37.4992, 33.2397




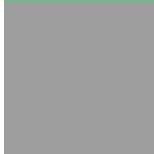
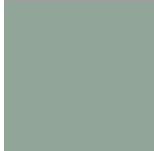
Tritanopia

33.1514, 37.6969, 51.4279

Trichromacy

	Original Color 29.3604, 37.8935, 32.1523
	Protanomaly 32.8262, 37.4375, 30.3070
	Deuteranomaly 34.4197, 37.3784, 33.0044
	Tritanomaly 31.5593, 37.6147, 43.6272

Monochromacy

	Original Color 29.3604, 37.8935, 32.1523
	Achromatopsia 32.4990, 34.1914, 37.2345
	Achromatomaly 31.0590, 35.3212, 35.3177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3604, 37.8935, 32.1523 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(126, 177, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 177, 144)  
}
```

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(126, 177, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 177, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.3604, 37.8935, 32.1523 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(126, 177, 144) }
```


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

```
.border{ border-color:rgb(126, 177, 144) }
```

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

Here you see how a box with a 4 pixel rgb(126, 177, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 177,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3604, 37.8935, 32.1523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 177, 144) }
```

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

```
.background{ background-color: rgb(126,  
177, 144) }
```

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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