

Converting Colors

XYZ(28.2452, 31.9462, 36.8834)

Have a look what the booklet for
XYZ(28.2452, 31.9462, 36.8834)
contains.

XYZ(28.3901, 32.0732, 37.0422)	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(28.3901, 32.0732,
37.0422)**

Conversions

Conversions Part 1

Format	Color
Hex	879E9E
RGB	135, 158, 158
RGB Percent	53%, 62%, 62%
CMY	0.4706, 0.3804, 0.3804
CMYK	0.15, 0.00, 0.00, 0.38
HSL	180°, 11%, 57%
HSV	180°, 15%, 62%
XYZ	28.3901, 32.0732, 37.0422
YIQ	151.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

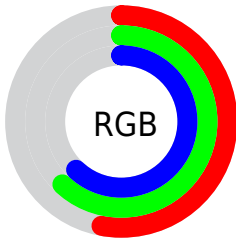
Format	Color
RYB	135, 147, 158
Decimal	8887966
CIELab	63.40, -8.03, -2.72
CIElCh	63, 8.472, 198.697
Yxy	32.0732, 0.2912, 0.3289
Android (android.graphics.Color)	4287078046 (0xFF879E9E)
YUV	151.1230, 3.3904, -14.1399
Hunter-Lab	56.6332, -9.6265, 0.8633

Details

The XYZ color **28.3901, 32.0732, 37.0422** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1389, 26.3472, 26.5782**, and the grayscale version is **29.4589, 30.9931, 33.7515**.

A 20% lighter version of the original color is **56.5435, 63.0840, 72.1471**, and **11.6578, 13.5082, 15.9028** is the 20% darker color. If you saturate the color by 10%, you get **26.0344, 30.8596, 36.9320**, and if you desaturate by 10%, it is **31.1250, 33.4839, 37.1715**.

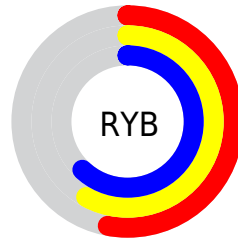
Distribution



Red (53%)

Green (62%)

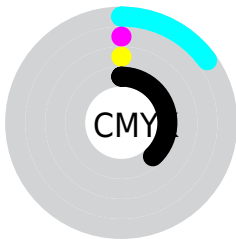
Blue (62%)



Red (53%)

Yellow (58%)

Blue (62%)

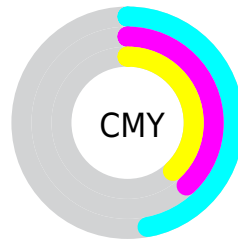


Cyan (15%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3901, 32.0732, 37.0422 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 28.3901, 32.0732, 37.0422 by changing the saturation by 10% instead.

■ 28.3901, 32.0732,
37.0422

■ 28.3901, 32.0732,
37.0422

286.3727,
311.4526, 348.6674

■ 18.7619, 21.4174,
24.9441

■ 56.5110, 62.9258,
71.8247

■ 11.6013, 13.4295,
15.8168

■ 75.7343, 83.8915,
95.3463

■ 6.5431, 7.7249,
9.2417

■ 98.8867, 109.0625,
123.5127

■ 3.2218, 3.9194,
4.8002

126.3336,
138.8233, 156.7426

■ 1.2721, 1.6286,
2.0738

158.4403,
173.5584, 195.4545

■ 0.1622, 0.3768,
0.6001

195.5721,

■ 0.0000, 0.0000,

213.6520, 240.0669

0.0000

238.0945,
259.4886, 290.9983

■ 28.3901, 32.0732,
37.0422

■ 28.3901, 32.0732,
37.0422

■ 26.0344, 30.8596,
36.9320

■ 31.1250, 33.4839,
37.1715

■ 24.0385, 29.8307,
36.8379

■ 34.2518, 35.0958,
37.3185

■ 22.3855, 28.9786,
36.7599

■ 37.7861, 36.9178,
37.4845

■ 21.0562, 28.2934,
36.6971

■ 41.7418, 38.9571,
37.6703

■ 20.0293, 27.7640,
36.6484

■ 46.1322, 41.2204,
37.8764

■ 19.2812, 27.3783,
36.6127

■ 50.9700, 43.7143,
38.1034

■ 18.7845, 27.1223,
36.5889

■ 56.2672, 46.4451,
38.3520

■ 18.5057, 26.9786,
36.5752

■ 59.6401, 48.1839,
38.5105

■ 18.3980, 26.9231,
36.5698

■ 59.6402, 48.1839,
38.5111

Harmonies

Analogous

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



28.3181, 32.0732, 33.6669



28.3901, 32.0732, 37.0422



29.0147, 32.0732, 40.0229

Triad

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



28.3901, 32.0732, 37.0422



32.2171, 32.0732, 39.3788



30.9305, 32.0732, 28.9425

Complementary

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



28.3901, 32.0732, 37.0422



27.1389, 26.3472, 26.5782

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.



32.0034, 32.0732, 30.2745



28.3901, 32.0732, 37.0422



32.7589, 32.0732, 36.2085

Square

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



28.3901, 32.0732, 37.0422



31.2161, 32.0732, 41.4307



32.6797, 32.0732, 32.8848



29.7646, 32.0732, 29.1338

Rectangle

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



28.3901, 32.0732, 37.0422



29.6695, 32.0732, 41.3178



32.6797, 32.0732, 32.8848



31.3145, 32.0732, 29.2233

Sweetspot

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



28.3910, 32.0745, 37.0429



56.7761, 60.9358, 67.5123



26.6545, 31.3870, 27.5758



12.7135, 13.6933, 15.2165



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.



28.3910, 32.0745, 37.0429



50.3009, 57.5978, 67.2078



26.5798, 28.4517, 36.4400



6.8218, 7.5095, 8.4965



14.7343, 21.5616, 29.2874



0.2635, 0.3855, 0.5237

Inverse Universe

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



27.1389, 26.3472, 26.5782



47.6447, 45.4487, 45.0095



28.7717, 29.6133, 27.1218



6.6331, 6.6462, 6.9190



11.2932, 5.8218, 0.5289



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 28.3901, 32.0732, 37.0422 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 28.3901, 32.0732, 37.0422 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

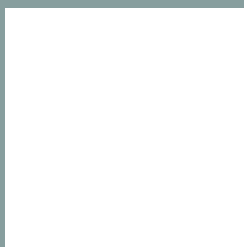
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3901, 32.0732, 37.0422

Background



This preview shows how black text looks on a background with the XYZ color 28.3901, 32.0732, 37.0422.



This preview shows how white text looks on a background with the XYZ color 28.3901, 32.0732,

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

28.3901, 32.0732, 37.0422

Protanopia

30.6622, 31.7916, 35.5307

Deuteranopia

32.6097, 32.0323, 37.7218



Tritanopia

29.3664, 31.9599, 42.1572

Trichromacy



Original Color

28.3901, 32.0732, 37.0422

Protanomaly

29.7691, 31.8074, 36.0229

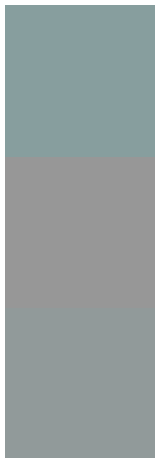
Deuteranomaly

30.8127, 31.8297, 37.3206

Tritanomaly

29.0018, 32.0648, 40.2579

Monochromacy



Original Color

28.3901, 32.0732, 37.0422

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.0654, 31.4640, 35.1131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3901, 32.0732, 37.0422 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(135, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 158, 158)  
}
```

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(135, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 158, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.3901, 32.0732, 37.0422 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(135, 158, 158) }
```


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

```
.border{ border-color:rgb(135, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(135, 158,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3901, 32.0732, 37.0422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 158, 158) }
```

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

```
.background{ background-color: rgb(135,  
158, 158) }
```

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