

Converting Colors

XYZ(37.1905, 44.3791, 59.3280)

Have a look what the booklet for
XYZ(37.1905, 44.3791, 59.3280)
contains.

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Color

**XYZ(37.2084, 44.3972,
59.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	83BBC5
RGB	131, 187, 197
RGB Percent	51%, 73%, 77%
CMY	0.4863, 0.2667, 0.2274
CMYK	0.34, 0.05, 0.00, 0.23
HSL	189°, 36%, 64%
HSV	189°, 34%, 77%
XYZ	37.2084, 44.3972, 59.4317
YIQ	171.3960, -36.5860, -8.7620

Conversions

Conversions Part 2

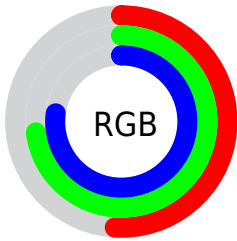
Format	Color
RYB	131, 161, 197
Decimal	8633285
CIELab	72.49, -15.67, -10.87
CIElCh	72, 19.073, 214.761
Yxy	44.3972, 0.2638, 0.3148
Android (android.graphics.Color)	4286823365 (0xFF83BBC5)
YUV	171.3960, 12.6228, -35.4273
Hunter-Lab	66.6312, -16.9262, -6.2418

Details

The XYZ color **37.2084, 44.3972, 59.4317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6480, 32.5590, 25.8266**, and the grayscale version is **38.8605, 40.8843, 44.5230**.

A 20% lighter version of the original color is **70.1897, 81.6960, 105.8355**, and **16.6249, 20.6531, 29.0968** is the 20% darker color. If you saturate the color by 10%, you get **33.8164, 41.7195, 59.0944**, and if you desaturate by 10%, it is **41.1964, 47.4038, 59.8026**.

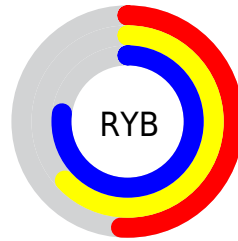
Distribution



Red (51%)

Green (73%)

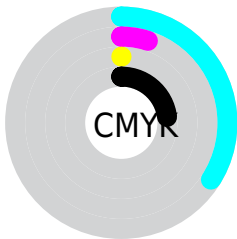
Blue (77%)



Red (51%)

Yellow (63%)

Blue (77%)

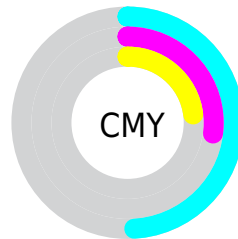


Cyan (34%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (49%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2084, 44.3972, 59.4317 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 37.2084, 44.3972, 59.4317 by changing the saturation by 10% instead.

■ 37.2084, 44.3972,
59.4317

■ 37.2084, 44.3972,
59.4317

325.5518,
364.3267, 440.2462

■ 25.5433, 30.9829,
42.5384

■ 70.2049, 81.8151,
105.5401

■ 16.6132, 20.5858,
29.1944

■ 92.2671, 106.5875,
135.5924

■ 10.0527, 12.8216,
18.9811

■ 118.5256,
135.9147, 170.8680

■ 5.4964, 7.3058,
11.4799

149.3459,
170.1811, 211.7856

■ 2.5791, 3.6541,
6.2724

185.0934,
209.7711, 258.7637

■ 0.9353, 1.4820,
2.9400

226.1332,

■ 0.0000, 0.2760,

255.0691, 312.2208

1.0641

272.8309,
306.4595, 372.5754

■ 0.0000, 0.0000,
0.0000

■ 37.2084, 44.3972,
59.4317

■ 37.2084, 44.3972,
59.4317

■ 33.8164, 41.7195,
59.0944

■ 41.1964, 47.4038,
59.8026

■ 30.9832, 39.3482,
58.7860

■ 45.8067, 50.7498,
60.2055

■ 28.6739, 37.2664,
58.5059

■ 51.0691, 54.4518,
60.6426

■ 26.8478, 35.4527,
58.2521

■ 57.0102, 58.5234,
61.1154

■ 25.4578, 33.8830,
58.0223

■ 63.6549, 62.9778,
61.6250

■ 24.4476, 32.5279,
57.8140

■ 71.0271, 67.8274,
62.1725

■ 23.9261, 31.7271,
57.6869

■ 73.8480, 70.3508,
62.5109

■ 74.5819, 71.8188,
62.7555

■ 75.3297, 73.3142,
63.0048

Harmonies

Analogous

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



36.1990, 44.3972, 49.8614



37.2084, 44.3972, 59.4317



39.5562, 44.3972, 66.6638

Triad

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



37.2084, 44.3972, 59.4317



48.1870, 44.3972, 56.4906



41.6750, 44.3972, 32.4315

Complementary

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



37.2084, 44.3972, 59.4317



36.6480, 32.5590, 25.8266

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.



44.9554, 44.3972, 33.7268



37.2084, 44.3972, 59.4317



48.8262, 44.3972, 46.8519

Square

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



37.2084, 44.3972, 59.4317



45.9113, 44.3972, 64.8169



47.6153, 44.3972, 38.7238



38.6909, 44.3972, 34.9243

Rectangle

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



37.2084, 44.3972, 59.4317



41.6228, 44.3972, 68.7352



47.6153, 44.3972, 38.7238



42.7789, 44.3972, 32.4416

Sweetspot

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



37.2097, 44.3990, 59.4327



85.0630, 93.0405, 108.0831



34.1274, 46.6787, 32.3724



17.9277, 19.7167, 23.1108



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.2097, 44.3990, 59.4327



62.2143, 76.0472, 106.0073



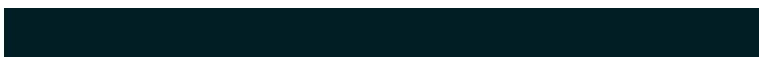
31.0111, 32.0017, 57.3665



10.8046, 11.7832, 13.6224



15.7861, 20.9660, 37.9592



0.7856, 1.0690, 1.8101

Inverse Universe

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



40.1129, 31.6918, 51.0187



68.2925, 50.3070, 88.1980



42.2402, 43.7433, 27.6906



11.0114, 10.7879, 13.0432



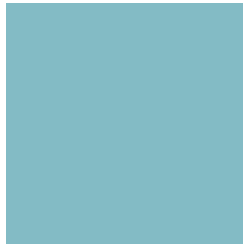
19.7674, 9.6565, 25.0488



0.9552, 0.4649, 1.2873

Previews

White Background



This preview shows how the XYZ color 37.2084, 44.3972, 59.4317 looks on a white background.

Color Contrast Check

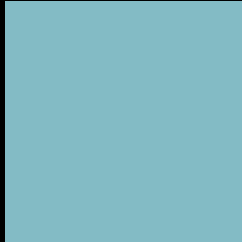
Large Text (above 18pt) WCAG AA × Fail

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 37.2084, 44.3972, 59.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

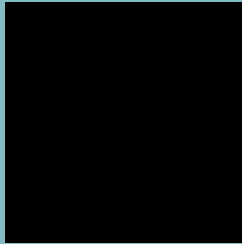
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2084, 44.3972, 59.4317

Background



This preview shows how black text looks on a background with the XYZ color 37.2084, 44.3972, 59.4317.



This preview shows how white text looks on a background with the XYZ color 37.2084, 44.3972,

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

37.2084, 44.3972, 59.4317

Protanopia

42.9511, 44.1155, 54.9666

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

37.6172, 44.2404, 61.8150

Trichromacy



Original Color

37.2084, 44.3972, 59.4317

Protanomaly

40.4441, 43.9664, 56.8068

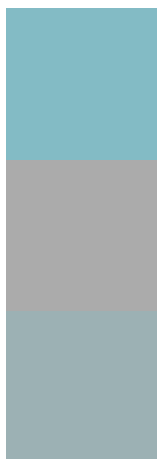
Deuteranomaly

41.7462, 43.9636, 60.3184

Tritanomaly

37.5000, 44.1935, 61.1973

Monochromacy



Original Color

37.2084, 44.3972, 59.4317

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.6707, 41.8075, 49.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2084, 44.3972, 59.4317 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(131, 187, 197)` looks like.

```
.text, #text, p{  
    color:rgb(131, 187, 197)  
}
```

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(131, 187, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 187, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.2084, 44.3972, 59.4317 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(131, 187, 197) }
```


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

```
.border{ border-color:rgb(131, 187, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 187, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 187, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 187, 197);  
box-shadow:4px 4px 4px 4px rgb(131, 187,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2084, 44.3972, 59.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 187, 197) }
```

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

```
.background{ background-color: rgb(131,  
187, 197) }
```

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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