

Converting Colors

XYZ(42.6101, 47.8518, 59.8744)

Have a look what the booklet for
XYZ(42.6101, 47.8518, 59.8744)
contains.

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Color

**XYZ(42.5737, 47.7973,
59.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBDC5
RGB	159, 189, 197
RGB Percent	62%, 74%, 77%
CMY	0.3765, 0.2588, 0.2274
CMYK	0.19, 0.04, 0.00, 0.23
HSL	193°, 25%, 70%
HSV	193°, 19%, 77%
XYZ	42.5737, 47.7973, 59.8053
YIQ	180.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

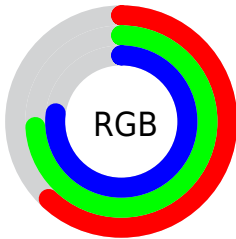
Format	Color
RYB	159, 176, 197
Decimal	10468805
CIELab	74.70, -8.37, -7.42
CIELCh	75, 11.184, 221.543
Yxy	47.7973, 0.2835, 0.3183
Android (android.graphics.Color)	4288658885 (0xFF9FBDC5)
YUV	180.9420, 7.9166, -19.2431
Hunter-Lab	69.1356, -11.0670, -2.8935

Details

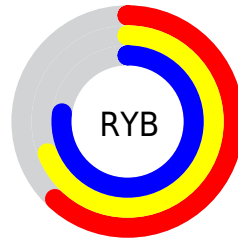
The XYZ color **42.5737, 47.7973, 59.8053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.1031, 42.0111, 38.6390**, and the grayscale version is **43.8572, 46.1412, 50.2478**.

A 20% lighter version of the original color is **78.2734, 86.7567, 106.3862**, and **19.8255, 22.7173, 29.3266** is the 20% darker color. If you saturate the color by 10%, you get **38.0953, 44.1847, 59.3448**, and if you desaturate by 10%, it is **47.7030, 51.7858, 60.3056**.

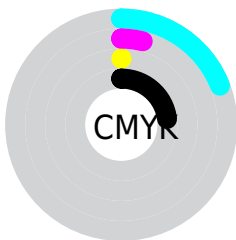
Distribution



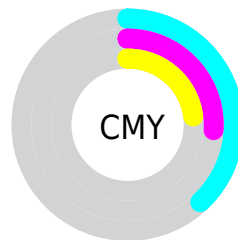
- Red (62%)
- Green (74%)
- Blue (77%)



- Red (62%)
- Yellow (69%)
- Blue (77%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5737, 47.7973, 59.8053 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 42.5737, 47.7973, 59.8053 by changing the saturation by 10% instead.

■ 42.5737, 47.7973,
59.8053

■ 42.5737, 47.7973,
59.8053

347.8070,
377.9881, 441.6644

■ 29.7438, 33.6664,
42.8374

■ 78.3269, 86.9025,
106.0878

■ 19.7913, 22.6374,
29.4271

■ 101.9809,
112.6456, 136.2395

■ 12.3508, 14.3260,
19.1558

129.9738,
143.0283, 171.6229

■ 7.0570, 8.3478,
11.6050

162.6707,
178.4348, 212.6566

■ 3.5444, 4.3183,
6.3560

200.4372,
219.2497, 259.7590

■ 1.4478, 1.8531,
2.9905

243.6384,

■ 0.2899, 0.5200,

265.8573, 313.3488

1.0898

292.6399,
318.6419, 373.8444

■ 0.0000, 0.0000,
0.0000

■ 42.5737, 47.7973,
59.8053

■ 42.5737, 47.7973,
59.8053

■ 38.0953, 44.1847,
59.3448

■ 47.7030, 51.7858,
60.3056

■ 34.2341, 40.9264,
58.9194

■ 53.5067, 56.1590,
60.8438

■ 30.9593, 38.0078,
58.5287

■ 60.0122, 60.9324,
61.4223

■ 28.2359, 35.4104,
58.1708

■ 67.2443, 66.1191,
62.0422

■ 26.0252, 33.1137,
57.8441

■ 74.2994, 71.2536,
62.6615

■ 24.2829, 31.0949,
57.5462

■ 75.3347, 73.3242,
63.0066

■ 22.9570, 29.3267,
57.2748

■ 76.3967, 75.4482,
63.3606

■ 21.9564, 27.7617,
57.0255

■ 77.4856, 77.6260,
63.7235

■ 21.8895, 27.6539,
57.0082

■ 78.6015, 79.8580,
64.0955

Harmonies

Analogous

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



41.7158, 47.7973, 54.3097



42.5737, 47.7973, 59.8053



44.2066, 47.7973, 63.3700

Triad

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



42.5737, 47.7973, 59.8053



49.2296, 47.7973, 55.6590



44.6542, 47.7973, 41.8513

Complementary

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



42.5737, 47.7973, 59.8053



43.1031, 42.0111, 38.6390

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.



46.6755, 47.7973, 42.1534



42.5737, 47.7973, 59.8053



49.3581, 47.7973, 49.8405

Square

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



42.5737, 47.7973, 59.8053



48.0650, 47.7973, 60.8561



48.4111, 47.7973, 44.9835



42.8929, 47.7973, 44.1249

Rectangle

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



42.5737, 47.7973, 59.8053



45.5350, 47.7973, 64.0226



48.4111, 47.7973, 44.9835



45.3250, 47.7973, 41.6598

Sweetspot

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



42.5751, 47.7993, 59.8064



88.6247, 95.1754, 108.3074



41.2033, 50.0796, 43.8612



18.8255, 20.2624, 23.1688



0.0000, 0.0000, 0.0000



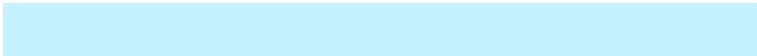
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5751, 47.7993, 59.8064



72.8539, 82.8984, 106.7689



38.8269, 40.3028, 58.5570



10.7499, 11.6739, 13.6042



14.4596, 18.3131, 37.5170



0.7336, 0.9649, 1.7927

Inverse Universe

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



44.6105, 40.3418, 53.5818



77.1847, 67.3483, 93.4535



46.7596, 49.3239, 39.8578



10.9838, 10.7769, 12.8980



19.0979, 9.3887, 21.5230



0.9290, 0.4544, 1.1491

Previews

White Background



This preview shows how the XYZ color 42.5737, 47.7973, 59.8053 looks on a white background.

Color Contrast Check

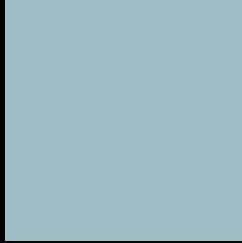
Large Text (above 18pt) WCAG AA × Fail

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 42.5737, 47.7973, 59.8053 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

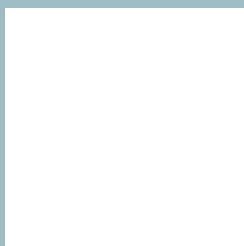
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5737, 47.7973, 59.8053

Background



This preview shows how black text looks on a background with the XYZ color 42.5737, 47.7973, 59.8053.



This preview shows how white text looks on a background with the XYZ color 42.5737, 47.7973,

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

42.5737, 47.7973, 59.8053

Protanopia

46.1208, 47.4965, 57.1890

Deuteranopia

48.4773, 47.4336, 60.6334



Tritanopia

43.2599, 47.7518, 63.4369

Trichromacy



Original Color

42.5737, 47.7973, 59.8053

Protanomaly

44.7658, 47.7069, 57.8879

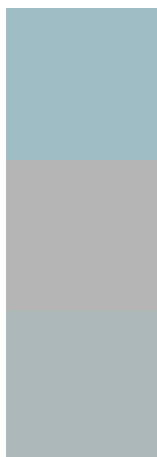
Deuteranomaly

45.9770, 47.3569, 60.1436

Tritanomaly

43.0230, 47.6571, 62.1895

Monochromacy



Original Color

42.5737, 47.7973, 59.8053

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.3437, 46.7531, 53.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5737, 47.7973, 59.8053 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(159, 189, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 189, 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(159, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 189, 197) }
```

Border

The CSS property to change the border of an element to XYZ 42.5737, 47.7973, 59.8053 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(159, 189, 197) }
```


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

```
.border{ border-color:rgb(159, 189, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 189, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 189, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 189, 197); box-shadow:4px 4px 4px 4px rgb(159, 189, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5737, 47.7973, 59.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 189, 197) }
```

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

```
.background{ background-color: rgb(159,  
189, 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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