

Converting Colors

XYZ(41.4743, 47.9963, 61.2594)

Have a look what the booklet for
XYZ(41.4743, 47.9963, 61.2594)
contains.

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Color

**XYZ(41.3340, 47.7747,
61.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	95BFC7
RGB	149, 191, 199
RGB Percent	58%, 75%, 78%
CMY	0.4157, 0.2510, 0.2196
CMYK	0.25, 0.04, 0.00, 0.22
HSL	190°, 31%, 68%
HSV	190°, 25%, 78%
XYZ	41.3340, 47.7747, 61.0757
YIQ	179.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

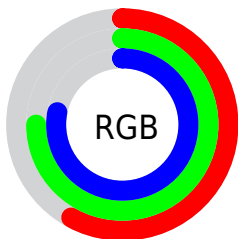
Format	Color
R _Y B	149, 172, 199
Decimal	9813959
CIE Lab	74.68, -12.06, -8.59
CIE LCh	75, 14.808, 215.474
Yxy	47.7747, 0.2752, 0.3181
Android (android.graphics.Color)	4288004039 (0xFF95BFC7)
YUV	179.3540, 9.6855, -26.6205
Hunter-Lab	69.1192, -14.2139, -4.0068

Details

The XYZ color **41.3340, 47.7747, 61.0757** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0354, 38.4261, 33.6889**, and the grayscale version is **42.9981, 45.2374, 49.2635**.

A 20% lighter version of the original color is **76.2126, 86.5789, 107.3023**, and **19.1291, 22.7627, 30.1735** is the 20% darker color. If you saturate the color by 10%, you get **37.3227, 44.6886, 60.6922**, and if you desaturate by 10%, it is **45.9836, 51.2146, 61.4954**.

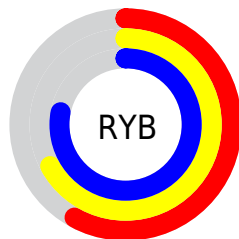
Distribution



Red (58%)

Green (75%)

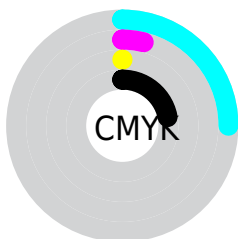
Blue (78%)



Red (58%)

Yellow (67%)

Blue (78%)

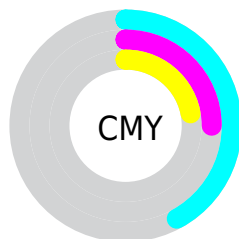


Cyan (25%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3340, 47.7747, 61.0757 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 41.3340, 47.7747, 61.0757 by changing the saturation by 10% instead.

■ 41.3340, 47.7747,
61.0757

■ 41.3340, 47.7747,
61.0757

342.7534,
377.8984, 446.4657

■ 28.7690, 33.6485,
43.8553

■ 76.4622, 86.8689,
107.9471

■ 19.0495, 22.6237,
30.2204

■ 99.7560, 112.6056,
138.4353

■ 11.8103, 14.3159,
19.7525

127.3569,
142.9813, 174.1830

■ 6.6859, 8.3407,
12.0330

159.6301,
178.3804, 215.6090

■ 3.3110, 4.3137,
6.6433

196.9410,
219.1873, 263.1317

■ 1.3203, 1.8506,
3.1650

239.6549,

■ 0.1983, 0.5184,

265.7863, 317.1697

1.1795

288.1373,
318.5619, 378.1416

■ 0.0000, 0.0000,
0.0000

■ 41.3340, 47.7747,
61.0757

■ 41.3340, 47.7747,
61.0757

■ 37.3227, 44.6886,
60.6922

■ 45.9836, 51.2146,
61.4954

■ 33.9138, 41.9342,
60.3402

■ 51.2966, 55.0179,
61.9495

■ 31.0743, 39.4954,
60.0192

■ 57.3019, 59.2007,
62.4403

■ 28.7663, 37.3526,
59.7272

■ 64.0256, 63.7766,
62.9692

■ 26.9471, 35.4836,
59.4623

■ 71.4921, 68.7585,
63.5373

■ 25.5674, 33.8628,
59.2222

■ 74.6208, 71.5272,
63.9068

■ 24.5668, 32.4590,
59.0040

■ 75.4150, 73.1156,
64.1715

■ 24.1590, 31.8237,
58.9029

■ 76.2249, 74.7355,
64.4415

■ 77.0507, 76.3871,
64.7168

Harmonies

Analogous

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



40.4626, 47.7747, 53.4411



41.3340, 47.7747, 61.0757



43.2997, 47.7747, 66.6565

Triad

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



41.3340, 47.7747, 61.0757



50.2671, 47.7747, 58.3981



44.9179, 47.7747, 38.6496

Complementary

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



41.3340, 47.7747, 61.0757



41.0354, 38.4261, 33.6889

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.



47.5845, 47.7747, 39.6976



41.3340, 47.7747, 61.0757



50.7417, 47.7747, 50.6214

Square

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



41.3340, 47.7747, 61.0757



48.4696, 47.7747, 65.0071



49.7422, 47.7747, 43.9042



42.4789, 47.7747, 40.8867

Rectangle

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



41.3340, 47.7747, 61.0757



45.0024, 47.7747, 68.1870



49.7422, 47.7747, 43.9042



45.8169, 47.7747, 38.6321

Sweetspot

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



41.3354, 47.7766, 61.0768



86.9069, 94.2699, 108.2232



38.8619, 49.6545, 39.2119



18.2929, 19.9574, 23.1380



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.



41.3354, 47.7766, 61.0768



68.5050, 80.7041, 106.5746



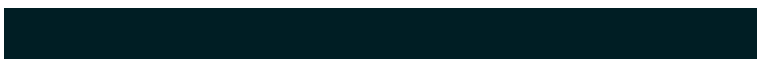
36.4314, 37.9686, 59.4421



10.7967, 11.7675, 13.6198



15.5881, 20.5702, 37.8932



0.7779, 1.0536, 1.8075

Inverse Universe

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



43.7057, 37.3996, 54.2078



73.4021, 59.7569, 92.2726



45.6046, 47.5644, 35.2119



11.0074, 10.7864, 13.0223



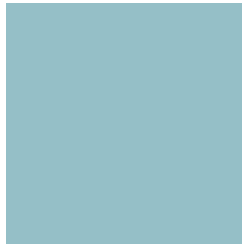
19.6675, 9.6166, 24.5226



0.9513, 0.4634, 1.2669

Previews

White Background



This preview shows how the XYZ color 41.3340, 47.7747, 61.0757 looks on a white background.

Color Contrast Check

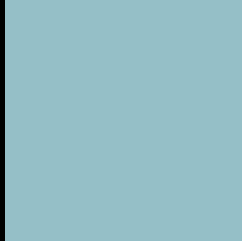
Large Text (above 18pt) WCAG AA × Fail

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 41.3340, 47.7747, 61.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

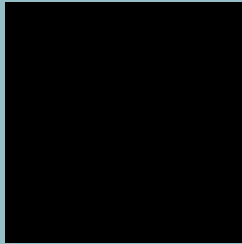
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3340, 47.7747, 61.0757

Background



This preview shows how black text looks on a background with the XYZ color 41.3340, 47.7747, 61.0757.



This preview shows how white text looks on a background with the XYZ color 41.3340, 47.7747,

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

41.3340, 47.7747, 61.0757

Protanopia

45.9940, 47.4182, 57.7674

Deuteranopia

48.5734, 47.4425, 62.4743



Tritanopia

42.0106, 47.7187, 64.7540

Trichromacy



Original Color

41.3340, 47.7747, 61.0757

Protanomaly

44.1074, 47.3414, 59.0376

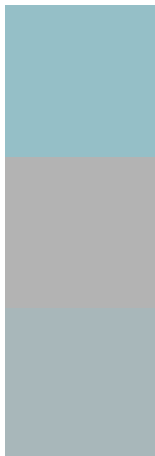
Deuteranomaly

45.6076, 47.4311, 62.0097

Tritanomaly

41.7706, 47.6227, 63.4905

Monochromacy



Original Color

41.3340, 47.7747, 61.0757

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9449, 45.7370, 53.0718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3340, 47.7747, 61.0757 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(149, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 191, 199)  
}
```

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(149, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.3340, 47.7747, 61.0757 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(149, 191, 199) }
```


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

```
.border{ border-color:rgb(149, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3340, 47.7747, 61.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 191, 199) }
```

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

```
.background{ background-color: rgb(149,  
191, 199) }
```

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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