

Converting Colors

XYZ(41.8366, 44.7127, 53.4391)

Have a look what the booklet for
XYZ(41.8366, 44.7127, 53.4391)
contains.

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Color

**XYZ(41.8685, 44.7764,
53.4497)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB4BB
RGB	170, 180, 187
RGB Percent	67%, 71%, 73%
CMY	0.3333, 0.2941, 0.2667
CMYK	0.09, 0.04, 0.00, 0.27
HSL	205°, 11%, 70%
HSV	205°, 9%, 73%
XYZ	41.8685, 44.7764, 53.4497
YIQ	177.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

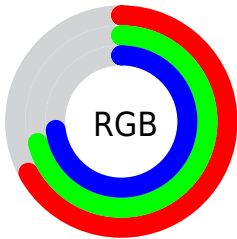
Format	Color
R_{YB}	170, 176, 187
Decimal	11187387
CIE _{Lab}	72.74, -2.08, -4.76
CIE _{LCh}	73, 5.197, 246.418
Yxy	44.7764, 0.2989, 0.3196
Android (android.graphics.Color)	4289377467 (0xFFAAB4BB)
YUV	177.8080, 4.5317, -6.8476
Hunter-Lab	66.9152, -5.4150, -0.5183

Details

The XYZ color **41.8685, 44.7764, 53.4497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4717, 44.9112, 44.4087**, and the grayscale version is **42.1964, 44.3939, 48.3450**.

A 20% lighter version of the original color is **77.2245, 82.4695, 96.6421**, and **19.3637, 20.7515, 25.5391** is the 20% darker color. If you saturate the color by 10%, you get **36.5993, 39.8180, 52.7711**, and if you desaturate by 10%, it is **47.8017, 50.2076, 54.1860**.

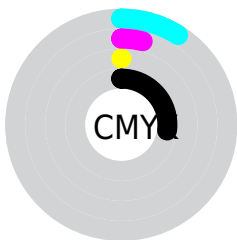
Distribution



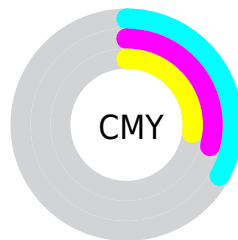
- Red (67%)
- Green (71%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8685, 44.7764, 53.4497 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 41.8685, 44.7764, 53.4497 by changing the saturation by 10% instead.

■ 41.8685, 44.7764,
53.4497

■ 41.8685, 44.7764,
53.4497

344.9384,
365.8672, 417.1232

■ 29.1890, 31.2813,
37.7717

■ 77.2670, 82.3848,
96.7140

■ 19.3688, 20.8132,
25.5051

100.7167,
107.2669, 125.1374

■ 12.0427, 12.9875,
16.2313

128.4871,
136.7135, 158.6463

■ 6.8452, 7.4199,
9.5319

160.9437,
171.1089, 197.6594

■ 3.4109, 3.7261,
4.9882

198.4518,
210.8376, 242.5950

■ 1.3746, 1.5216,
2.1817

241.3767,

■ 0.2380, 0.3038,

256.2840, 293.8719

0.6638

290.0838,
307.8324, 351.9084

■ 0.0000, 0.0000,
0.0000

■ 41.8685, 44.7764,
53.4497

■ 41.8685, 44.7764,
53.4497

■ 36.5993, 39.8180,
52.7711

■ 47.8017, 50.2076,
54.1860

■ 31.9646, 35.3116,
52.1455

■ 54.4189, 56.1204,
54.9785

■ 27.9385, 31.2429,
51.5724

■ 61.7445, 62.5304,
55.8297

■ 24.4915, 27.5945,
51.0498

■ 69.8000, 69.4507,
56.7409

■ 21.5916, 24.3477,
50.5760

■ 75.4086, 75.2455,
57.5638

■ 19.2034, 21.4820,
50.1487

■ 77.4572, 79.3429,
58.2467

■ 17.2869, 18.9743,
49.7657

■ 79.5999, 83.6282,
58.9609

■ 15.7951, 16.7982,
49.4243

■ 81.8378, 88.1039,
59.7068

■ 14.6459, 14.9085,
49.1201

■ 84.1720, 92.7724,
60.4849

Harmonies

Analogous

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



41.1781, 44.7764, 51.7628



41.8685, 44.7764, 53.4497



42.7528, 44.7764, 53.8587

Triad

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



41.8685, 44.7764, 53.4497



44.3056, 44.7764, 48.2007



41.5372, 44.7764, 44.8648

Complementary

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



41.8685, 44.7764, 53.4497



43.4717, 44.9112, 44.4087

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.



42.3650, 44.7764, 43.9823



41.8685, 44.7764, 53.4497



43.9697, 44.7764, 45.8639

Square

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



41.8685, 44.7764, 53.4497



44.1681, 44.7764, 50.7683



43.2563, 44.7764, 44.3415



40.9887, 44.7764, 46.7935

Rectangle

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



41.8685, 44.7764, 53.4497



43.3350, 44.7764, 53.3393



43.2563, 44.7764, 44.3415



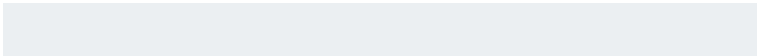
41.7916, 44.7764, 44.4391

Sweetspot

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



41.8698, 44.7783, 53.4507



81.2620, 85.9695, 96.5122



42.2646, 47.2538, 48.3847



17.7046, 18.7577, 21.2300



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.8698, 44.7783, 53.4507



72.9209, 78.2738, 95.4664



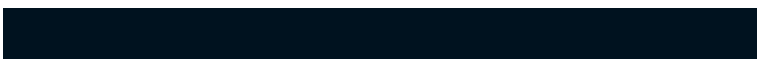
40.2436, 41.5258, 52.9086



9.4704, 10.1330, 12.1289



10.0965, 10.3048, 33.8498



0.4585, 0.5296, 1.3469

Inverse Universe

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



43.1075, 42.6106, 49.1348



75.6216, 73.6152, 86.0333



45.1618, 48.2914, 44.9720



9.7593, 9.6280, 11.1213



16.0970, 8.0700, 11.0705



0.6623, 0.3288, 0.6010

Previews

White Background



This preview shows how the XYZ color 41.8685, 44.7764, 53.4497 looks on a white background.

Color Contrast Check

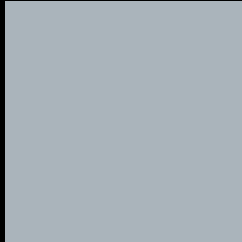
Large Text (above 18pt) WCAG AA × Fail

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 41.8685, 44.7764, 53.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

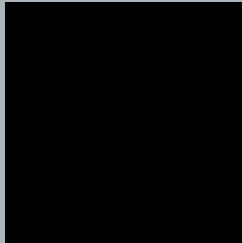
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

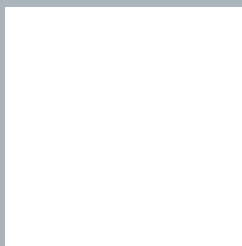
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8685, 44.7764, 53.4497

Background



This preview shows how black text looks on a background with the XYZ color 41.8685, 44.7764, 53.4497.



This preview shows how white text looks on a background with the XYZ color 41.8685, 44.7764,

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

41.8685, 44.7764, 53.4497

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.5065, 44.5943, 53.7861



Tritanopia

42.5403, 44.7484, 56.8473

Trichromacy



Original Color

41.8685, 44.7764, 53.4497

Protanomaly

42.6878, 44.6161, 52.8162

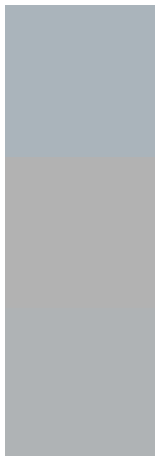
Deuteranomaly

44.1309, 44.7488, 53.8884

Tritanomaly

42.3187, 44.6597, 55.6800

Monochromacy



Original Color

41.8685, 44.7764, 53.4497

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.1398, 44.6904, 50.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8685, 44.7764, 53.4497 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(170, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 187)  
}
```

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(170, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.8685, 44.7764, 53.4497 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(170, 180, 187) }
```


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

```
.border{ border-color:rgb(170, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8685, 44.7764, 53.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 187) }
```

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

```
.background{ background-color: rgb(170,  
180, 187) }
```

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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