

Converting Colors

XYZ(41.5126, 44.0215, 53.1612)

Have a look what the booklet for
XYZ(41.5126, 44.0215, 53.1612)
contains.

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Color

**XYZ(41.4676, 43.9747,
53.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB2BB
RGB	170, 178, 187
RGB Percent	67%, 70%, 73%
CMY	0.3333, 0.3019, 0.2667
CMYK	0.09, 0.05, 0.00, 0.27
HSL	212°, 11%, 70%
HSV	212°, 9%, 73%
XYZ	41.4676, 43.9747, 53.3161
YIQ	176.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

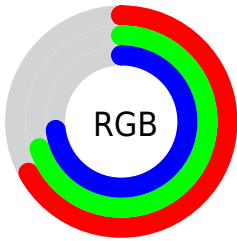
Format	Color
RYB	170, 175, 187
Decimal	11186875
CIELab	72.21, -1.00, -5.55
CIELCh	72, 5.639, 259.782
Yxy	43.9747, 0.2988, 0.3169
Android (android.graphics.Color)	4289376955 (0xFFAAB2BB)
YUV	176.6340, 5.1104, -5.8180
Hunter-Lab	66.3134, -4.4275, -1.2499

Details

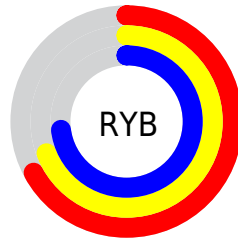
The XYZ color **41.4676, 43.9747, 53.3161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8695, 45.7070, 44.5411**, and the grayscale version is **41.5761, 43.7412, 47.6342**.

A 20% lighter version of the original color is **76.6518, 81.3243, 96.4512**, and **19.1079, 20.2400, 25.4539** is the 20% darker color. If you saturate the color by 10%, you get **35.8107, 38.2409, 52.5082**, and if you desaturate by 10%, it is **47.8442, 50.2928, 54.2002**.

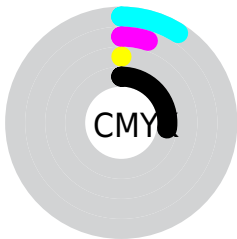
Distribution



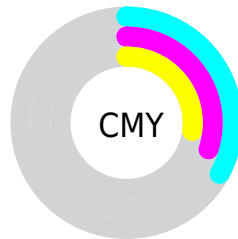
- Red (67%)
- Green (70%)
- Blue (73%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4676, 43.9747, 53.3161 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 41.4676, 43.9747, 53.3161 by changing the saturation by 10% instead.

■ 41.4676, 43.9747,
53.3161

■ 41.4676, 43.9747,
53.3161

343.3005,
362.6050, 416.5973

■ 28.8739, 30.6506,
37.6657

■ 76.6635, 81.1797,
96.5156

■ 19.1293, 20.3330,
25.4235

99.9963, 105.8294,
124.9018

■ 11.8683, 12.6373,
16.1710

127.6397,
135.0230, 158.3704

■ 6.7256, 7.1793,
9.4896

159.9588,
169.1451, 197.3398

■ 3.3359, 3.5745,
4.9607

197.3191,
208.5799, 242.2287

■ 1.3338, 1.4385,
2.1659

240.0859,

■ 0.2083, 0.2448,

253.7119, 293.4555

0.6546

288.6246,
304.9255, 351.4389

■ 0.0000, 0.0000,
0.0000

■ 41.4676, 43.9747,
53.3161

■ 41.4676, 43.9747,
53.3161

■ 35.8107, 38.2409,
52.5082

■ 47.8442, 50.2928,
54.2002

■ 30.8425, 33.0675,
51.7715

■ 54.9623, 57.2073,
55.1597

■ 26.5354, 28.4368,
51.1047

■ 62.8474, 64.7365,
56.1974

■ 22.8582, 24.3281,
50.5054

■ 71.5228, 72.8965,
57.3152

■ 19.7772, 20.7190,
49.9712

■ 77.8129, 80.0542,
58.3652

■ 17.2550, 17.5852,
49.4992

■ 80.6060, 85.6404,
59.2963

■ 15.2496, 14.8998,
49.0866

■ 83.5574, 91.5431,
60.2800

■ 13.7120, 12.6319,
48.7299

■ 85.9698, 96.3679,
61.0842

■ 12.5576, 10.7321,
48.4240

Harmonies

Analogous

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



40.6073, 43.9747, 52.0641



41.4676, 43.9747, 53.3161



42.4292, 43.9747, 53.0696

Triad

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



41.4676, 43.9747, 53.3161



43.5711, 43.9747, 46.1010



40.3926, 43.9747, 44.5237

Complementary

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



41.4676, 43.9747, 53.3161



43.8695, 45.7070, 44.5411

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.



41.1704, 43.9747, 43.0421



41.4676, 43.9747, 53.3161



43.0090, 43.9747, 43.9281

Square

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



41.4676, 43.9747, 53.3161



43.6537, 43.9747, 48.8320



42.1274, 43.9747, 42.8284



39.9930, 43.9747, 46.9424

Rectangle

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



41.4676, 43.9747, 53.3161



42.9979, 43.9747, 52.0917



42.1274, 43.9747, 42.8284



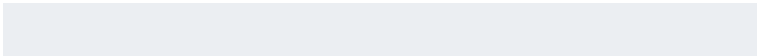
40.6179, 43.9747, 43.9035

Sweetspot

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



41.4689, 43.9766, 53.3171



81.0120, 85.4694, 96.4289



42.4634, 47.3334, 49.4319



17.6352, 18.6190, 21.2069



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.



41.4689, 43.9766, 53.3171



72.0500, 76.5319, 95.1761



39.9840, 40.9158, 52.8045



9.3768, 9.9460, 12.0978



8.6574, 7.4266, 33.3701



0.4046, 0.4219, 1.3290

Inverse Universe

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



42.9051, 42.5295, 48.0693



75.1819, 73.4394, 83.7184



45.4510, 48.9728, 45.0881



9.7121, 9.6091, 10.8727



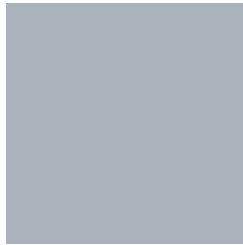
15.3706, 7.7794, 7.2454



0.6351, 0.3180, 0.4579

Previews

White Background



This preview shows how the XYZ color 41.4676, 43.9747, 53.3161 looks on a white background.

Color Contrast Check

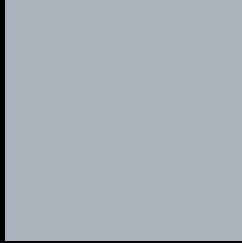
Large Text (above 18pt) WCAG AA × Fail

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 41.4676, 43.9747, 53.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

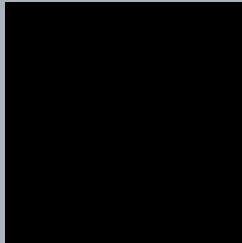
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4676, 43.9747, 53.3161

Background



This preview shows how black text looks on a background with the XYZ color 41.4676, 43.9747, 53.3161.



This preview shows how white text looks on a background with the XYZ color 41.4676, 43.9747,

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

41.4676, 43.9747, 53.3161

Protanopia

42.5197, 43.9430, 52.6952

Deuteranopia

44.8159, 43.9547, 53.6990



Tritanopia

41.9207, 43.8638, 55.5473

Trichromacy



Original Color

41.4676, 43.9747, 53.3161

Protanomaly

42.0406, 43.9881, 52.7292

Deuteranomaly

43.5046, 43.8480, 53.7475

Tritanomaly

41.8110, 43.8199, 54.9696

Monochromacy



Original Color

41.4676, 43.9747, 53.3161

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5182, 43.7791, 49.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4676, 43.9747, 53.3161 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, 178, 187) looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 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, 178, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.4676, 43.9747, 53.3161 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, 178, 187) }
```


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

```
.border{ border-color:rgb(170, 178, 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, 178, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4676, 43.9747, 53.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 187) }
```

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

```
.background{ background-color: rgb(170,  
178, 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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