

Converting Colors

XYZ(41.7950, 43.9827, 53.3004)

Have a look what the booklet for
XYZ(41.7950, 43.9827, 53.3004)
contains.

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Color

**XYZ(41.7050, 43.8028,
53.2704)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1BB
RGB	172, 177, 187
RGB Percent	67%, 69%, 73%
CMY	0.3255, 0.3059, 0.2667
CMYK	0.08, 0.05, 0.00, 0.27
HSL	220°, 10%, 70%
HSV	220°, 8%, 73%
XYZ	41.7050, 43.8028, 53.2704
YIQ	176.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

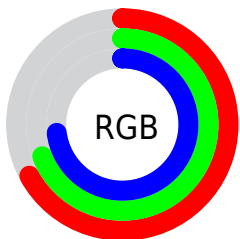
Format	Color
RYB	172, 176, 187
Decimal	11317691
CIELab	72.10, 0.22, -5.70
CIELCh	72, 5.707, 272.189
Yxy	43.8028, 0.3005, 0.3156
Android (android.graphics.Color)	4289507771 (0xFFACB1BB)
YUV	176.6450, 5.1050, -4.0737
Hunter-Lab	66.1837, -3.3414, -1.3932

Details

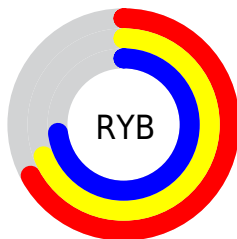
The XYZ color **41.7050, 43.8028, 53.2704** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6679, 46.9987, 45.7478**, and the grayscale version is **41.5813, 43.7467, 47.6402**.

A 20% lighter version of the original color is **76.9951, 81.0798, 96.3859**, and **19.2565, 20.1296, 25.4247** is the 20% darker color. If you saturate the color by 10%, you get **35.5361, 37.1346, 52.3091**, and if you desaturate by 10%, it is **48.6789, 51.2221, 54.3356**.

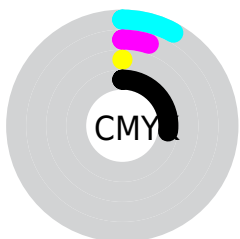
Distribution



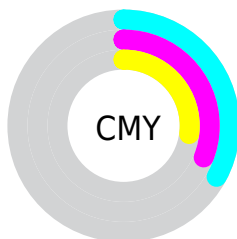
- Red (67%)
- Green (69%)
- Blue (73%)



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



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7050, 43.8028, 53.2704 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 41.7050, 43.8028, 53.2704 by changing the saturation by 10% instead.

■ 41.7050, 43.8028,
53.2704

■ 41.7050, 43.8028,
53.2704

344.2711,
361.9030, 416.4174

■ 29.0605, 30.5155,
37.6295

■ 77.0209, 80.9209,
96.4477

■ 19.2711, 20.2302,
25.3956

100.4230,
105.5205, 124.8212

■ 11.9715, 12.5625,
16.1504

128.1417,
134.6597, 158.2759

■ 6.7963, 7.1280,
9.4751

160.5423,
168.7229, 197.2304

■ 3.3802, 3.5423,
4.9513

197.9902,
208.0944, 242.1033

■ 1.3579, 1.4210,
2.1605

240.8507,

■ 0.2259, 0.2321,

253.1586, 293.3131

0.6514

289.4892,
304.3000, 351.2782

■ 0.0000, 0.0000,
0.0000

■ 41.7050, 43.8028,
53.2704

■ 41.7050, 43.8028,
53.2704

■ 35.5361, 37.1346,
52.3091

■ 48.6789, 51.2221,
54.3356

■ 30.1383, 31.1876,
51.4457

■ 56.4822, 59.4102,
55.5048

■ 25.4810, 25.9380,
50.6779

■ 65.1432, 68.3910,
56.7818

■ 21.5300, 21.3584,
50.0022

■ 74.6875, 78.1857,
58.1693

■ 18.2482, 17.4195,
49.4149

■ 81.1699, 86.7682,
59.4842

■ 15.5948, 14.0896,
48.9120

■ 84.9519, 94.3322,
60.7449

■ 13.5244, 11.3338,
48.4892

■ 85.9698, 96.3679,
61.0842

■ 11.9844, 9.1129,
48.1417

■ 10.8970, 7.3737,
47.8633

Harmonies

Analogous

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



40.7635, 43.8028, 52.6089



41.7050, 43.8028, 53.2704



42.6413, 43.8028, 52.3899

Triad

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



41.7050, 43.8028, 53.2704



43.2422, 43.8028, 44.8867



39.9948, 43.8028, 45.2292

Complementary

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



41.7050, 43.8028, 53.2704



44.6679, 46.9987, 45.7478

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.



40.6412, 43.8028, 43.2870



41.7050, 43.8028, 53.2704



42.5152, 43.8028, 43.0948

Square

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



41.7050, 43.8028, 53.2704



43.5374, 43.8028, 47.4887



41.5616, 43.8028, 42.5206



39.7854, 43.8028, 47.8995

Rectangle

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



41.7050, 43.8028, 53.2704



43.1340, 43.8028, 51.0663



41.5616, 43.8028, 42.5206



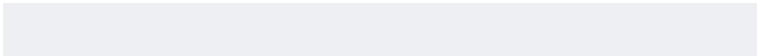
40.1677, 43.8028, 44.4732

Sweetspot

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



41.7063, 43.8046, 53.2714



81.9977, 86.2454, 96.5267



43.2019, 47.6791, 51.0473



18.0860, 19.0233, 21.2612



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.



41.7063, 43.8046, 53.2714



72.2104, 75.7848, 95.0234



41.2341, 42.1210, 52.9713



9.2695, 9.7314, 12.0620



7.4411, 4.9938, 32.9646



0.3529, 0.3184, 1.3117

Inverse Universe

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



43.1828, 43.2450, 47.6683



75.5236, 74.5740, 82.4406



45.1647, 48.8031, 46.0699



9.6579, 9.5875, 10.5875



14.7567, 7.5338, 4.0122



0.6090, 0.3075, 0.3203

Previews

White Background



This preview shows how the XYZ color 41.7050, 43.8028, 53.2704 looks on a white background.

Color Contrast Check

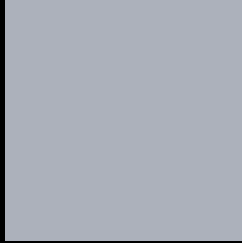
Large Text (above 18pt) WCAG AA × Fail

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 41.7050, 43.8028, 53.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

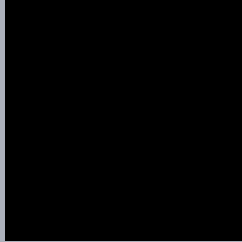
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7050, 43.8028, 53.2704

Background



This preview shows how black text looks on a background with the XYZ color 41.7050, 43.8028, 53.2704.

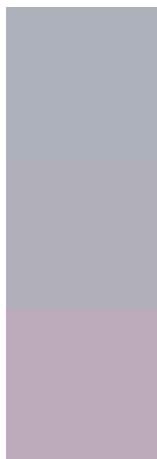


This preview shows how white text looks on a background with the XYZ color 41.7050, 43.8028,

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

41.7050, 43.8028, 53.2704

Protanopia

42.5197, 43.9430, 52.6952

Deuteranopia

44.6263, 43.5755, 53.6358



Tritanopia

42.0532, 43.6526, 54.9246

Trichromacy



Original Color

41.7050, 43.8028, 53.2704

Protanomaly

42.0675, 43.7098, 52.6740

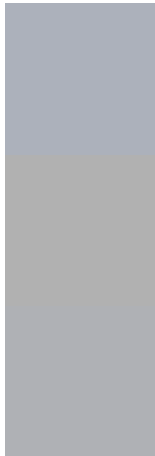
Deuteranomaly

43.5491, 43.5853, 53.6945

Tritanomaly

41.9442, 43.6090, 54.3508

Monochromacy



Original Color

41.7050, 43.8028, 53.2704

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7418, 43.8944, 49.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7050, 43.8028, 53.2704 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(172, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 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(172, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.7050, 43.8028, 53.2704 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(172, 177, 187) }
```


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

```
.border{ border-color:rgb(172, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7050, 43.8028, 53.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 187) }
```

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

```
.background{ background-color: rgb(172,  
177, 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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