

Converting Colors

XYZ(41.7714, 43.2789, 53.1658)

Have a look what the booklet for
XYZ(41.7714, 43.2789, 53.1658)
contains.

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Color

**XYZ(41.7552, 43.2465,
53.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFBB
RGB	174, 175, 187
RGB Percent	68%, 69%, 73%
CMY	0.3176, 0.3137, 0.2667
CMYK	0.07, 0.06, 0.00, 0.27
HSL	235°, 9%, 71%
HSV	235°, 7%, 73%
XYZ	41.7552, 43.2465, 53.1604
YIQ	176.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

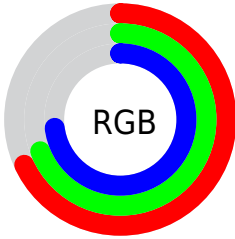
Format	Color
RYB	174, 175, 187
Decimal	11448251
CIELab	71.72, 1.98, -6.24
CIELCh	72, 6.548, 287.644
Yxy	43.2465, 0.3022, 0.3130
Android (android.graphics.Color)	4289638331 (0xFFFAEAFBB)
YUV	176.0690, 5.3890, -1.8145
Hunter-Lab	65.7621, -1.7462, -1.8951

Details

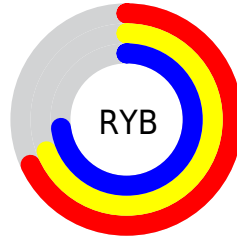
The XYZ color **41.7552, 43.2465, 53.1604** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6926, 48.7382, 47.0444**, and the grayscale version is **41.2783, 43.4280, 47.2931**.

A 20% lighter version of the original color is **76.7876, 79.7227, 96.1349**, and **19.4121, 20.0247, 25.3963** is the 20% darker color. If you saturate the color by 10%, you get **34.7289, 34.9536, 51.9307**, and if you desaturate by 10%, it is **49.7933, 52.7006, 54.5622**.

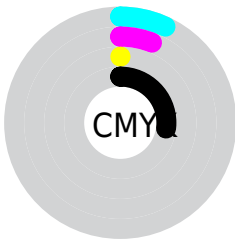
Distribution



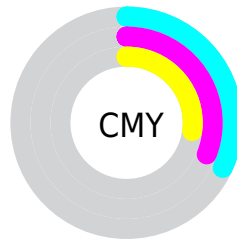
- Red (68%)
- Green (69%)
- Blue (73%)



- Red (68%)
- Yellow (69%)
- Blue (73%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7552, 43.2465, 53.1604 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 41.7552, 43.2465, 53.1604 by changing the saturation by 10% instead.

■ 41.7552, 43.2465,
53.1604

■ 41.7552, 43.2465,
53.1604

344.4761,
359.6245, 415.9839

■ 29.0999, 30.0786,
37.5422

■ 77.0965, 80.0827,
96.2843

■ 19.3011, 19.8982,
25.3285

100.5132,
104.5198, 124.6271

■ 11.9933, 12.3211,
16.1007

128.2478,
133.4820, 158.0485

■ 6.8113, 6.9627,
9.4403

160.6656,
167.3538, 196.9671

■ 3.3897, 3.4388,
4.9288

198.1320,
206.5196, 241.8014

■ 1.3630, 1.3649,
2.1475

241.0123,

■ 0.2296, 0.1906,

251.3637, 292.9700

0.6438

289.6718,
302.2705, 350.8913

■ 0.0000, 0.0000,
0.0000

■ 41.7552, 43.2465,
53.1604

■ 41.7552, 43.2465,
53.1604

■ 34.7289, 34.9536,
51.9307

■ 49.7933, 52.7006,
54.5622

■ 28.6707, 27.7719,
50.8638

■ 58.8772, 63.3527,
56.1395

■ 23.5392, 21.6558,
49.9537

■ 69.0439, 75.2444,
57.8990

■ 19.2886, 16.5544,
49.1931

■ 80.3275, 88.4140,
59.8463

■ 15.8692, 12.4127,
48.5739

■ 85.9698, 96.3679,
61.0842

■ 13.2263, 9.1705,
48.0874

■ 11.2987, 6.7606,
47.7238

■ 10.0158, 5.1065,
47.4722

■ 9.2857, 4.1139,
47.3190

Harmonies

Analogous

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



40.6492, 43.2465, 53.3189



41.7552, 43.2465, 53.1604



42.7029, 43.2465, 51.3302

Triad

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



41.7552, 43.2465, 53.1604



42.5602, 43.2465, 42.7114



39.0535, 43.2465, 45.7914

Complementary

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



41.7552, 43.2465, 53.1604



45.6926, 48.7382, 47.0444

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.



39.5465, 43.2465, 43.0864



41.7552, 43.2465, 53.1604



41.5632, 43.2465, 41.3627

Square

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



41.7552, 43.2465, 53.1604



43.1734, 43.2465, 45.2585



40.4606, 43.2465, 41.4967



39.1028, 43.2465, 48.9663

Rectangle

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



41.7552, 43.2465, 53.1604



43.1114, 43.2465, 49.4530



40.4606, 43.2465, 41.4967



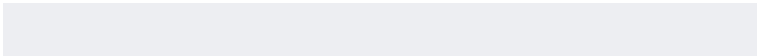
39.1609, 43.2465, 44.7998

Sweetspot

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



41.7565, 43.2483, 53.1614



81.6352, 85.5204, 96.4059



44.0807, 48.0817, 53.3660



18.0102, 18.8716, 21.2359



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.



41.7565, 43.2483, 53.1614



73.2098, 75.6007, 94.9352



42.7933, 43.4942, 53.1542



9.0741, 9.3404, 11.9968



6.3140, 2.7397, 32.5889



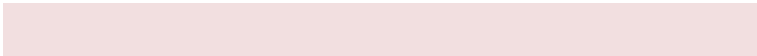
0.2677, 0.1481, 1.2833

Inverse Universe

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



43.3684, 43.9330, 46.7537



76.5609, 77.0291, 81.6135



44.6042, 48.4918, 47.0542



9.5592, 9.5480, 10.0679



14.1878, 7.3063, 1.0165



0.5660, 0.2903, 0.0940

Previews

White Background



This preview shows how the XYZ color 41.7552, 43.2465, 53.1604 looks on a white background.

Color Contrast Check

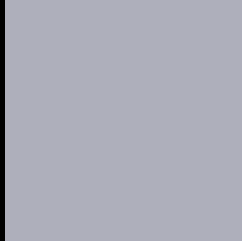
Large Text (above 18pt) WCAG AA × Fail

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 41.7552, 43.2465, 53.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

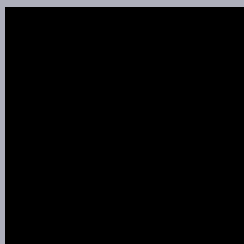
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

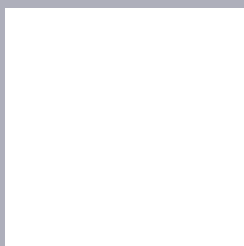
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7552, 43.2465, 53.1604

Background



This preview shows how black text looks on a background with the XYZ color 41.7552, 43.2465, 53.1604.

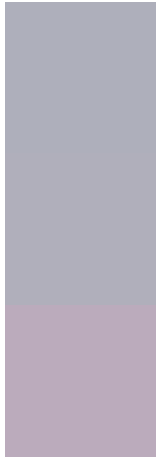


This preview shows how white text looks on a background with the XYZ color 41.7552, 43.2465,

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

41.7552, 43.2465, 53.1604

Protanopia

42.2041, 43.4779, 53.1814

Deuteranopia

44.1335, 43.3215, 53.6127



Tritanopia

41.9708, 43.3327, 54.2961

Trichromacy



Original Color

41.7552, 43.2465, 53.1604

Protanomaly

41.9788, 43.3618, 53.1708

Deuteranomaly

43.1210, 43.0810, 53.6197

Tritanomaly

41.8626, 43.2895, 53.7263

Monochromacy



Original Color

41.7552, 43.2465, 53.1604

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4427, 43.4599, 49.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7552, 43.2465, 53.1604 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(174, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 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(174, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.7552, 43.2465, 53.1604 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(174, 175, 187) }
```


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

```
.border{ border-color:rgb(174, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7552, 43.2465, 53.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 187) }
```

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

```
.background{ background-color: rgb(174,  
175, 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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