

Converting Colors

XYZ(43.2681, 46.2645, 53.2797)

Have a look what the booklet for
XYZ(43.2681, 46.2645, 53.2797)
contains.

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Color

**XYZ(43.2520, 46.4108,
53.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB7BA
RGB	174, 183, 186
RGB Percent	68%, 72%, 73%
CMY	0.3176, 0.2823, 0.2706
CMYK	0.06, 0.02, 0.00, 0.27
HSL	195°, 8%, 71%
HSV	195°, 6%, 73%
XYZ	43.2520, 46.4108, 53.1329
YIQ	180.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

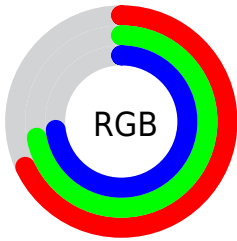
Format	Color
RYB	174, 179, 186
Decimal	11450298
CIELab	73.81, -2.53, -2.61
CIELCh	74, 3.637, 225.873
Yxy	46.4108, 0.3029, 0.3250
Android (android.graphics.Color)	4289640378 (0xFFFAEB7BA)
YUV	180.6510, 2.6371, -5.8329
Hunter-Lab	68.1255, -5.8922, 1.4460

Details

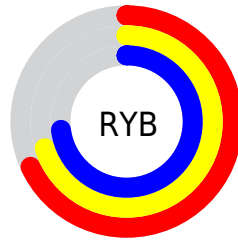
The XYZ color **43.2520, 46.4108, 53.1329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6120, 44.9391, 46.4208**, and the grayscale version is **43.7224, 45.9993, 50.0933**.

A 20% lighter version of the original color is **79.2066, 84.8018, 96.1982**, and **20.2423, 21.7963, 25.3305** is the 20% darker color. If you saturate the color by 10%, you get **38.4496, 42.5372, 52.6390**, and if you desaturate by 10%, it is **48.6625, 50.6474, 53.6662**.

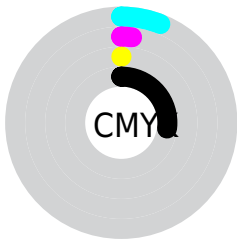
Distribution



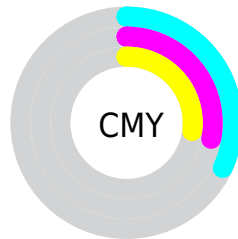
- Red (68%)
- Green (72%)
- Blue (73%)



- Red (68%)
- Yellow (70%)
- Blue (73%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2520, 46.4108, 53.1329 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 43.2520, 46.4108, 53.1329 by changing the saturation by 10% instead.

■ 43.2520, 46.4108,
53.1329

■ 43.2520, 46.4108,
53.1329

350.5511,
372.4577, 415.8755

■ 30.2783, 32.5701,
37.5204

■ 79.3443, 84.8335,
96.2434

■ 20.1990, 21.7973,
25.3117

103.1937,
110.1842, 124.5786

■ 12.6489, 13.7081,
16.0883

131.3989,
140.1405, 157.9917

■ 7.2626, 7.9179,
9.4317

164.3254,
175.0866, 196.9013

■ 3.6746, 4.0425,
4.9232

202.3385,
215.4070, 241.7259

■ 1.5198, 1.6973,
2.1443

245.8036,

■ 0.3392, 0.4219,

261.4861, 292.8841

0.6419

295.0860,
313.7082, 350.7945

■ 0.0000, 0.0000,
0.0000

■ 43.2520, 46.4108,
53.1329

■ 43.2520, 46.4108,
53.1329

■ 38.4496, 42.5372,
52.6390

■ 48.6625, 50.6474,
53.6662

■ 34.2277, 39.0080,
52.1804

■ 54.6995, 55.2532,
54.2370

■ 30.5621, 35.8117,
51.7566

■ 61.3856, 60.2413,
54.8474

■ 27.4256, 32.9338,
51.3664

■ 68.7410, 65.6228,
55.4985

■ 24.7884, 30.3585,
51.0083

■ 72.2304, 69.0600,
55.9780

■ 22.6179, 28.0683,
50.6807

■ 73.3671, 71.3334,
56.3569

■ 20.8770, 26.0438,
50.3817

■ 74.5372, 73.6735,
56.7469

■ 19.5229, 24.2624,
50.1092

■ 75.7409, 76.0808,
57.1482

■ 18.4990, 22.6944,
49.8605

■ 76.9784, 78.5560,
57.5607

Harmonies

Analogous

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



42.9269, 46.4108, 51.5137



43.2520, 46.4108, 53.1329



43.8093, 46.4108, 54.0661

Triad

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



43.2520, 46.4108, 53.1329



45.3289, 46.4108, 51.4076



43.7729, 46.4108, 47.1850

Complementary

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



43.2520, 46.4108, 53.1329



43.6120, 44.9391, 46.4208

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.



44.4163, 46.4108, 47.1582



43.2520, 46.4108, 53.1329



45.3189, 46.4108, 49.5658

Square

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



43.2520, 46.4108, 53.1329



45.0106, 46.4108, 53.0536



44.9835, 46.4108, 48.0202



43.2256, 46.4108, 48.0944

Rectangle

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



43.2520, 46.4108, 53.1329



44.2394, 46.4108, 54.1592



44.9835, 46.4108, 48.0202



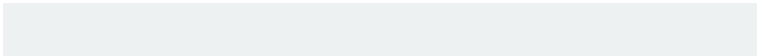
43.9850, 46.4108, 47.0733

Sweetspot

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



43.2533, 46.4128, 53.1339



82.5921, 87.4344, 96.7248



42.9311, 47.2836, 48.3553



18.2104, 19.2719, 21.3026



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.



43.2533, 46.4128, 53.1339



76.8589, 82.8989, 96.1516



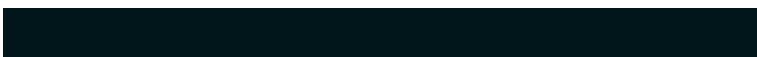
42.0810, 44.0681, 52.7431



9.0716, 9.8204, 11.4968



12.2889, 15.0375, 33.5079



0.4792, 0.6220, 1.1966

Inverse Universe

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



43.9341, 44.1311, 51.0046



78.4028, 77.7658, 91.3128



44.7827, 47.2804, 46.8110



9.2825, 9.1234, 10.8350



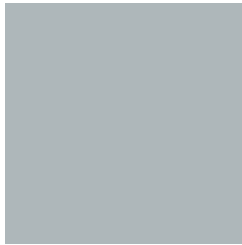
16.8166, 8.3004, 17.4527



0.6160, 0.3019, 0.7374

Previews

White Background



This preview shows how the XYZ color 43.2520, 46.4108, 53.1329 looks on a white background.

Color Contrast Check

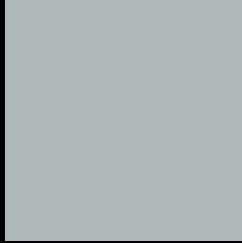
Large Text (above 18pt) WCAG AA × Fail

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 43.2520, 46.4108, 53.1329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

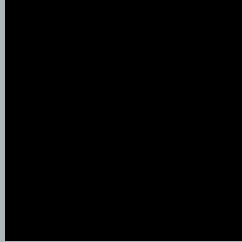
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

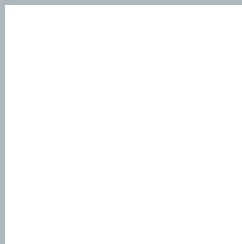
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2520, 46.4108, 53.1329

Background



This preview shows how black text looks on a background with the XYZ color 43.2520, 46.4108, 53.1329.



This preview shows how white text looks on a background with the XYZ color 43.2520, 46.4108,

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

43.2520, 46.4108, 53.1329

Protanopia

44.5014, 46.1705, 51.9137

Deuteranopia

47.2599, 46.3743, 53.4740



Tritanopia

44.3922, 46.2634, 58.8146

Trichromacy



Original Color

43.2520, 46.4108, 53.1329

Protanomaly

44.1032, 46.2538, 52.5023

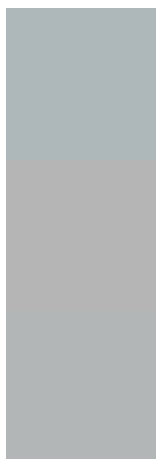
Deuteranomaly

45.8288, 46.5194, 53.5774

Tritanomaly

43.9216, 46.3756, 56.5056

Monochromacy



Original Color

43.2520, 46.4108, 53.1329

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6353, 46.3398, 51.4444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2520, 46.4108, 53.1329 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, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 186)  
}
```

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, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.2520, 46.4108, 53.1329 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, 183, 186) }
```


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

```
.border{ border-color:rgb(174, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2520, 46.4108, 53.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 186) }
```

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

```
.background{ background-color: rgb(174,  
183, 186) }
```

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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