

Converting Colors

XYZ(42.7130, 46.2127, 54.6435)

Have a look what the booklet for
XYZ(42.7130, 46.2127, 54.6435)
contains.

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Color

**XYZ(42.6964, 46.0871,
54.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB7BD
RGB	170, 183, 189
RGB Percent	67%, 72%, 74%
CMY	0.3333, 0.2823, 0.2588
CMYK	0.10, 0.03, 0.00, 0.26
HSL	199°, 13%, 70%
HSV	199°, 10%, 74%
XYZ	42.6964, 46.0871, 54.7895
YIQ	179.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

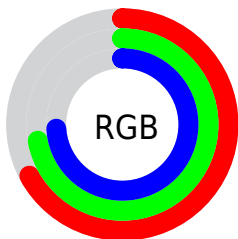
Format	Color
RYB	170, 178, 189
Decimal	11188157
CIELab	73.60, -3.28, -4.59
CIELCh	74, 5.645, 234.424
Yxy	46.0871, 0.2974, 0.3210
Android (android.graphics.Color)	4289378237 (0xFFAAB7BD)
YUV	179.7970, 4.5371, -8.5920
Hunter-Lab	67.8875, -6.5393, -0.3296

Details

The XYZ color **42.6964, 46.0871, 54.7895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7677, 44.7718, 44.3662**, and the grayscale version is **43.2548, 45.5074, 49.5576**.

A 20% lighter version of the original color is **78.3993, 84.3331, 98.5320**, and **19.8978, 21.5944, 26.4120** is the 20% darker color. If you saturate the color by 10%, you get **37.6965, 41.7225, 54.2113**, and if you desaturate by 10%, it is **48.3386, 50.8628, 55.4146**.

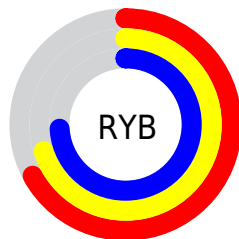
Distribution



Red (67%)

Green (72%)

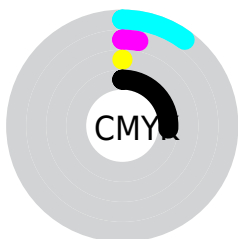
Blue (74%)



Red (67%)

Yellow (70%)

Blue (74%)

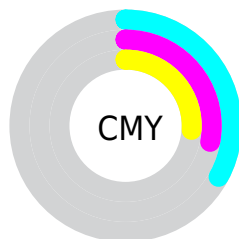


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.6964, 46.0871, 54.7895 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 42.6964, 46.0871, 54.7895 by changing the saturation by 10% instead.

■ 42.6964, 46.0871,
54.7895

■ 42.6964, 46.0871,
54.7895

348.3044,
371.1587, 422.3729

■ 29.8405, 32.3146,
38.8358

■ 78.5111, 84.3493,
98.7005

■ 19.8650, 21.6019,
26.3251

102.2006,
109.6078, 127.4949

■ 12.4046, 13.5647,
16.8391

130.2319,
139.4637, 161.4065

■ 7.0940, 7.8185,
9.9591

162.9705,
174.3015, 200.8540

■ 3.5678, 3.9790,
5.2666

200.7817,
214.5055, 246.2558

■ 1.4607, 1.6618,
2.3431

244.0308,

■ 0.2988, 0.3988,

260.4601, 298.0306

0.7552

293.0833,
312.5497, 356.5968

■ 0.0000, 0.0000,
0.0000

■ 42.6964, 46.0871,
54.7895

■ 42.6964, 46.0871,
54.7895

■ 37.6965, 41.7225,
54.2113

■ 48.3386, 50.8628,
55.4146

■ 33.3092, 37.7489,
53.6755

■ 54.6431, 56.0570,
56.0849

■ 29.5086, 34.1533,
53.1818

■ 61.6341, 61.6844,
56.8027

■ 26.2650, 30.9194,
52.7286

■ 69.3331, 67.7571,
57.5690

■ 23.5461, 28.0296,
52.3141

■ 74.1781, 72.4394,
58.2175

■ 21.3161, 25.4643,
51.9365

■ 75.7049, 75.4932,
58.7264

■ 19.5343, 23.2016,
51.5936

■ 77.2876, 78.6585,
59.2540

■ 18.1526, 21.2155,
51.2831

■ 78.9266, 81.9365,
59.8003

■ 17.0806, 19.4645,
51.0016

■ 80.6225, 85.3282,
60.3656

Harmonies

Analogous

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



42.0787, 46.0871, 52.4901



42.6964, 46.0871, 54.7895



43.6180, 46.0871, 55.8575

Triad

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



42.6964, 46.0871, 54.7895



45.7440, 46.0871, 50.7174



43.0150, 46.0871, 45.3371

Complementary

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



42.6964, 46.0871, 54.7895



43.7677, 44.7718, 44.3662

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.



43.9913, 46.0871, 44.9028



42.6964, 46.0871, 54.7895



45.5767, 46.0871, 47.9406

Square

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



42.6964, 46.0871, 54.7895



45.3853, 46.0871, 53.4499



44.9314, 46.0871, 45.8385



42.2606, 46.0871, 47.0482

Rectangle

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



42.6964, 46.0871, 54.7895



44.2846, 46.0871, 55.6994



44.9314, 46.0871, 45.8385



43.3277, 46.0871, 45.0397

Sweetspot

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



42.6977, 46.0890, 54.7905



83.4241, 88.4549, 98.9028



42.5829, 48.0648, 47.9528



17.7614, 18.8714, 21.2490



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.



42.6977, 46.0890, 54.7905



74.4594, 80.8106, 97.8998



40.8612, 42.4160, 54.1784



9.5477, 10.2877, 12.1547



11.5632, 13.2381, 34.3387



0.5092, 0.6310, 1.3638

Inverse Universe

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



43.9093, 42.9882, 50.7852



77.0667, 74.2223, 89.2616



45.6336, 48.5036, 44.9882



9.7983, 9.6436, 11.3268



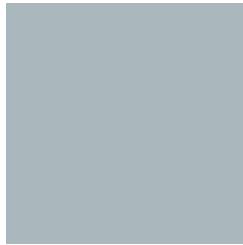
16.8373, 8.3661, 14.9688



0.6879, 0.3391, 0.7358

Previews

White Background



This preview shows how the XYZ color 42.6964, 46.0871, 54.7895 looks on a white background.

Color Contrast Check

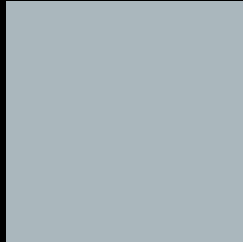
Large Text (above 18pt) WCAG AA × Fail

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 42.6964, 46.0871, 54.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

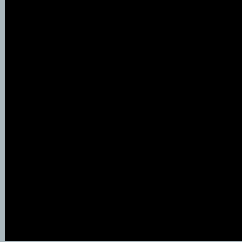
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

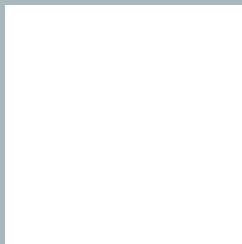
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6964, 46.0871, 54.7895

Background



This preview shows how black text looks on a background with the XYZ color 42.6964, 46.0871, 54.7895.



This preview shows how white text looks on a background with the XYZ color 42.6964, 46.0871,

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

42.6964, 46.0871, 54.7895

Protanopia

44.5823, 46.1755, 53.5767

Deuteranopia

46.9821, 45.8909, 55.6718



Tritanopia

43.4863, 46.0993, 58.8306

Trichromacy



Original Color

42.6964, 46.0871, 54.7895

Protanomaly

43.9611, 46.1436, 54.1666

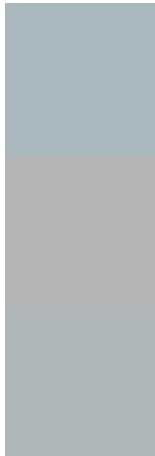
Deuteranomaly

45.2222, 45.8728, 55.1861

Tritanomaly

43.1482, 45.9641, 57.0499

Monochromacy



Original Color

42.6964, 46.0871, 54.7895

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9756, 45.6968, 51.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6964, 46.0871, 54.7895 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, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 189)  
}
```

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, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.6964, 46.0871, 54.7895 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, 183, 189) }
```


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

```
.border{ border-color:rgb(170, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6964, 46.0871, 54.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 189) }
```

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

```
.background{ background-color: rgb(170,  
183, 189) }
```

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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