

Converting Colors

XYZ(42.2867, 45.2679, 54.6529)

Have a look what the booklet for
XYZ(42.2867, 45.2679, 54.6529)
contains.

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Color

**XYZ(42.2867, 45.2679,
54.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB5BD
RGB	170, 181, 189
RGB Percent	67%, 71%, 74%
CMY	0.3333, 0.2902, 0.2588
CMYK	0.10, 0.04, 0.00, 0.26
HSL	205°, 13%, 70%
HSV	205°, 10%, 74%
XYZ	42.2867, 45.2679, 54.6529
YIQ	178.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

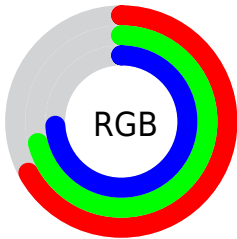
Format	Color
RYB	170, 177, 189
Decimal	11187645
CIELab	73.07, -2.21, -5.38
CIELCh	73, 5.816, 247.659
Yxy	45.2679, 0.2974, 0.3183
Android (android.graphics.Color)	4289377725 (0xFFAAB5BD)
YUV	178.6230, 5.1159, -7.5624
Hunter-Lab	67.2814, -5.5544, -1.0644

Details

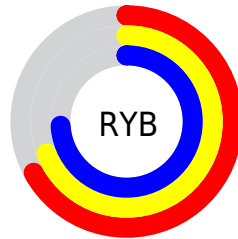
The XYZ color **42.2867, 45.2679, 54.6529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.1625, 45.5615, 44.4976**, and the grayscale version is **42.6254, 44.8452, 48.8364**.

A 20% lighter version of the original color is **77.8170, 83.1685, 98.3379**, and **19.6343, 21.0675, 26.3241** is the 20% darker color. If you saturate the color by 10%, you get **36.9197, 40.1691, 53.9523**, and if you desaturate by 10%, it is **48.3361, 50.8581, 55.4138**.

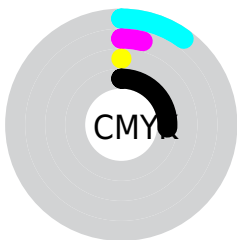
Distribution



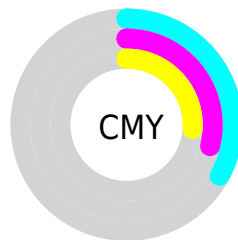
- Red (67%)
- Green (71%)
- Blue (74%)



- Red (67%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2867, 45.2679, 54.6529 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 42.2867, 45.2679, 54.6529 by changing the saturation by 10% instead.

■ 42.2867, 45.2679,
54.6529

■ 42.2867, 45.2679,
54.6529

346.6415,
367.8575, 421.8397

■ 29.5179, 31.6685,
38.7272

■ 77.8958, 83.1223,
98.4983

■ 19.6192, 21.1084,
26.2413

101.4668,
108.1460, 127.2550

■ 12.2252, 13.2033,
16.7769

129.3694,
137.7467, 161.1257

■ 6.9705, 7.5687,
9.9153

161.9687,
172.3087, 200.5291

■ 3.4899, 3.8202,
5.2380

199.6302,
212.2163, 245.8837

■ 1.4178, 1.5735,
2.3264

242.7193,

■ 0.2688, 0.3396,

257.8541, 297.6079

0.7459

291.6013,
309.6064, 356.1204

■ 0.0000, 0.0000,
0.0000

■ 42.2867, 45.2679,
54.6529

■ 42.2867, 45.2679,
54.6529

■ 36.9197, 40.1691,
53.9523

■ 48.3361, 50.8581,
55.4138

■ 32.2047, 35.5401,
53.3073

■ 55.0889, 56.9490,
56.2335

■ 28.1147, 31.3658,
52.7172

■ 62.5701, 63.5568,
57.1147

■ 24.6193, 27.6282,
52.1800

■ 70.8021, 70.6954,
58.0587

■ 21.6850, 24.3075,
51.6937

■ 76.2238, 76.5308,
58.8993

■ 19.2751, 21.3824,
51.2561

■ 78.3714, 80.8262,
59.6152

■ 17.3477, 18.8285,
50.8647

■ 80.6199, 85.3232,
60.3647

■ 15.8538, 16.6180,
50.5168

■ 82.9706, 90.0244,
61.1482

■ 14.7022, 14.7077,
50.2088

■ 85.4246, 94.9326,
61.9662

Harmonies

Analogous

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



41.4961, 45.2679, 52.7906



42.2867, 45.2679, 54.6529



43.2869, 45.2679, 55.0507

Triad

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



42.2867, 45.2679, 54.6529



44.9932, 45.2679, 48.5464



41.8420, 45.2679, 44.9869

Complementary

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



42.2867, 45.2679, 54.6529



44.1625, 45.5615, 44.4976

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.



42.7657, 45.2679, 43.9441



42.2867, 45.2679, 54.6529



44.5926, 45.2679, 45.9458

Square

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



42.2867, 45.2679, 54.6529



44.8600, 45.2679, 51.4488



43.7734, 45.2679, 44.2882



41.2422, 45.2679, 47.1906

Rectangle

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



42.2867, 45.2679, 54.6529



43.9400, 45.2679, 54.4180



43.7734, 45.2679, 44.2882



42.1244, 45.2679, 44.4930

Sweetspot

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



42.2880, 45.2698, 54.6539



83.1940, 87.9946, 98.8261



42.8034, 48.1530, 49.1148



17.6991, 18.7467, 21.2282



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.



42.2880, 45.2698, 54.6539



73.5793, 79.0504, 97.6064



40.4369, 41.5676, 54.0369



9.4629, 10.1182, 12.1265



9.9689, 10.0495, 33.8072



0.4539, 0.5204, 1.3454

Inverse Universe

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



43.7025, 42.9053, 49.6965



76.6224, 74.0446, 86.9223



46.1015, 49.4395, 45.1439



9.7555, 9.6265, 11.1015



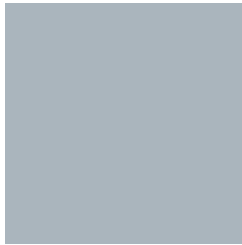
16.0326, 8.0442, 10.7312



0.6600, 0.3279, 0.5889

Previews

White Background



This preview shows how the XYZ color 42.2867, 45.2679, 54.6529 looks on a white background.

Color Contrast Check

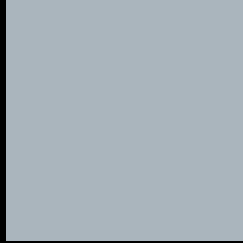
Large Text (above 18pt) WCAG AA × Fail

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 42.2867, 45.2679, 54.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

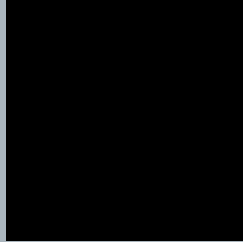
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

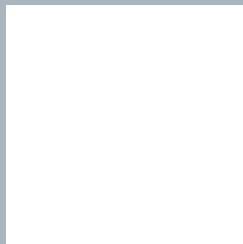
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.2867, 45.2679, 54.6529

Background



This preview shows how black text looks on a background with the XYZ color 42.2867, 45.2679, 54.6529.



This preview shows how white text looks on a background with the XYZ color 42.2867, 45.2679,

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

42.2867, 45.2679, 54.6529

Protanopia

43.7124, 45.1319, 53.4212

Deuteranopia

45.9162, 45.0662, 54.9938



Tritanopia

42.8534, 45.1955, 57.5039

Trichromacy



Original Color

42.2867, 45.2679, 54.6529

Protanomaly

43.1017, 45.1011, 54.0106

Deuteranomaly

44.5448, 45.2293, 55.0976

Tritanomaly

42.6303, 45.1062, 56.3287

Monochromacy



Original Color

42.2867, 45.2679, 54.6529

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.7730, 45.2915, 51.2875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2867, 45.2679, 54.6529 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, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 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, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.2867, 45.2679, 54.6529 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, 181, 189) }
```


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

```
.border{ border-color:rgb(170, 181, 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, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2867, 45.2679, 54.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 189) }
```

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

```
.background{ background-color: rgb(170,  
181, 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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