

Converting Colors

XYZ(42.5445, 45.2610, 54.5434)

Have a look what the booklet for
XYZ(42.5445, 45.2610, 54.5434)
contains.

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Color

**XYZ(42.7224, 45.4925,
54.6733)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB5BD
RGB	172, 181, 189
RGB Percent	67%, 71%, 74%
CMY	0.3255, 0.2902, 0.2588
CMYK	0.09, 0.04, 0.00, 0.26
HSL	208°, 11%, 71%
HSV	208°, 9%, 74%
XYZ	42.7224, 45.4925, 54.6733
YIQ	179.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

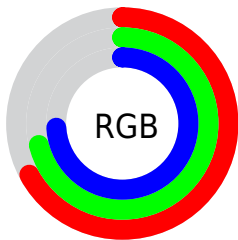
Format	Color
RYB	172, 178, 189
Decimal	11318717
CIELab	73.22, -1.54, -5.15
CIElCh	73, 5.371, 253.357
Yxy	45.4925, 0.2990, 0.3184
Android (android.graphics.Color)	4289508797 (0xFFACB5BD)
YUV	179.2210, 4.8210, -6.3328
Hunter-Lab	67.4481, -4.9703, -0.8466

Details

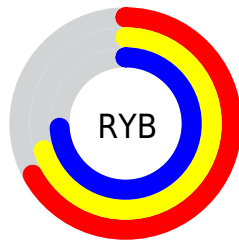
The XYZ color **42.7224, 45.4925, 54.6733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7541, 46.4395, 45.6354**, and the grayscale version is **42.9447, 45.1812, 49.2023**.

A 20% lighter version of the original color is **78.4442, 83.4918, 98.3673**, and **19.9088, 21.2090, 26.3370** is the 20% darker color. If you saturate the color by 10%, you get **37.1155, 40.0044, 53.9102**, and if you desaturate by 10%, it is **49.0373, 51.5193, 55.5045**.

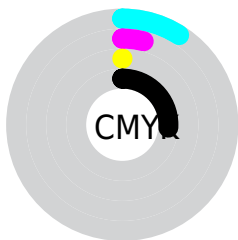
Distribution



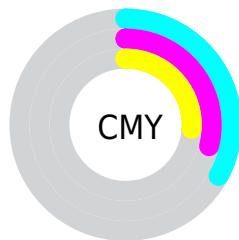
- Red (67%)
- Green (71%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7224, 45.4925, 54.6733 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 42.7224, 45.4925, 54.6733 by changing the saturation by 10% instead.

■ 42.7224, 45.4925,
54.6733

■ 42.7224, 45.4925,
54.6733

348.4098,
368.7646, 421.9193

■ 29.8609, 31.8455,
38.7434

■ 78.5501, 83.4590,
98.5285

■ 19.8806, 21.2435,
26.2539

102.2471,
108.5473, 127.2908

■ 12.4160, 13.3021,
16.7862

130.2866,
138.2181, 161.1677

■ 7.1019, 7.6369,
9.9218

163.0340,
172.8559, 200.5777

■ 3.5728, 3.8635,
5.2422

200.8547,
212.8451, 245.9393

■ 1.4634, 1.5975,
2.3289

244.1140,

■ 0.3007, 0.3559,

258.5699, 297.6711

0.7473

293.1772,
310.4150, 356.1916

■ 0.0000, 0.0000,
0.0000

■ 42.7224, 45.4925,
54.6733

■ 42.7224, 45.4925,
54.6733

■ 37.1155, 40.0044,
53.9102

■ 49.0373, 51.5193,
55.5045

■ 32.1857, 35.0324,
53.2103

■ 56.0816, 58.0953,
56.4025

■ 27.9056, 30.5601,
52.5727

■ 63.8807, 65.2377,
57.3700

■ 24.2444, 26.5683,
51.9952

■ 72.4576, 72.9614,
58.4088

■ 21.1682, 23.0362,
51.4755

■ 77.4750, 79.0333,
59.3164

■ 18.6401, 19.9410,
51.0114

■ 79.9481, 83.9796,
60.1407

■ 16.6180, 17.2575,
50.6000

■ 82.5483, 89.1800,
61.0075

■ 15.0530, 14.9565,
50.2383

■ 85.2775, 94.6383,
61.9172

■ 13.8614, 12.9908,
49.9217

■ 86.1854, 96.4542,
62.2198

Harmonies

Analogous

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



41.9352, 45.4925, 53.1821



42.7224, 45.4925, 54.6733



43.6592, 45.4925, 54.7556

Triad

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



42.7224, 45.4925, 54.6733



45.0261, 45.4925, 48.3445



42.0073, 45.4925, 45.8557

Complementary

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



42.7224, 45.4925, 54.6733



44.7541, 46.4395, 45.6354

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.



42.8221, 45.4925, 44.6546



42.7224, 45.4925, 54.6733



44.5700, 45.4925, 46.0559

Square

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



42.7224, 45.4925, 54.6733



44.9985, 45.4925, 51.0347



43.7603, 45.4925, 44.7265



41.5265, 45.4925, 48.0622

Rectangle

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



42.7224, 45.4925, 54.6733



44.2432, 45.4925, 53.9953



43.7603, 45.4925, 44.7265



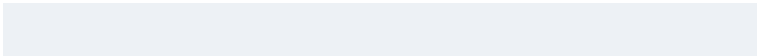
42.2507, 45.4925, 45.3247

Sweetspot

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



42.7237, 45.4944, 54.6743



83.0860, 87.7786, 98.7901



43.4430, 48.4591, 50.2090



17.6698, 18.6882, 21.2185



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.



42.7237, 45.4944, 54.6743



74.2200, 79.2539, 97.6119



41.0599, 42.1668, 54.1197



9.4234, 10.0392, 12.1133



9.3293, 8.7703, 33.5940



0.4304, 0.4735, 1.3376

Inverse Universe

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



44.0803, 43.6609, 49.8224



77.2090, 75.2867, 86.9050



46.5093, 49.9500, 46.2205



9.7356, 9.6185, 10.9966



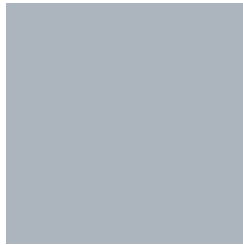
15.7098, 7.9151, 9.0311



0.6482, 0.3232, 0.5265

Previews

White Background



This preview shows how the XYZ color 42.7224, 45.4925, 54.6733 looks on a white background.

Color Contrast Check

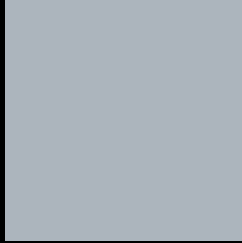
Large Text (above 18pt) WCAG AA × Fail

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 42.7224, 45.4925, 54.6733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

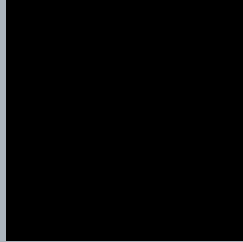
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

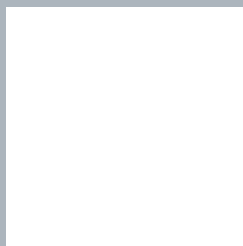
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7224, 45.4925, 54.6733

Background



This preview shows how black text looks on a background with the XYZ color 42.7224, 45.4925, 54.6733.



This preview shows how white text looks on a background with the XYZ color 42.7224, 45.4925,

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

42.7224, 45.4925, 54.6733

Protanopia

44.0196, 45.5743, 54.0536

Deuteranopia

46.1685, 45.1963, 55.0056



Tritanopia

43.2924, 45.4218, 57.5245

Trichromacy



Original Color

42.7224, 45.4925, 54.6733

Protanomaly

43.5298, 45.6205, 54.0883

Deuteranomaly

45.0240, 45.4763, 55.1200

Tritanomaly

43.0693, 45.3325, 56.3492

Monochromacy



Original Color

42.7224, 45.4925, 54.6733

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 42.7224, 45.4925, 54.6733 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, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.7224, 45.4925, 54.6733 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, 181, 189) }
```


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

```
.border{ border-color:rgb(172, 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(172, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(172, 181,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7224, 45.4925, 54.6733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 189) }
```

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

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