

Converting Colors

XYZ(42.2759, 45.8085, 54.4615)

Have a look what the booklet for
XYZ(42.2759, 45.8085, 54.4615)
contains.

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Color

**XYZ(42.3728, 45.9328,
54.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B7BC
RGB	169, 183, 188
RGB Percent	66%, 72%, 74%
CMY	0.3372, 0.2823, 0.2627
CMYK	0.10, 0.03, 0.00, 0.26
HSL	196°, 12%, 70%
HSV	196°, 10%, 74%
XYZ	42.3728, 45.9328, 54.2096
YIQ	179.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

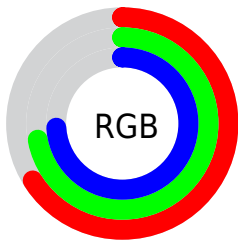
Format	Color
R_{YB}	169, 177, 188
Decimal	11122620
CIE Lab	73.50, -3.82, -4.20
CIE LCh	74, 5.680, 227.699
Yxy	45.9328, 0.2973, 0.3223
Android (android.graphics.Color)	4289312700 (0xFFA9B7BC)
YUV	179.3840, 4.2477, -9.1068
Hunter-Lab	67.7737, -7.0041, 0.0178

Details

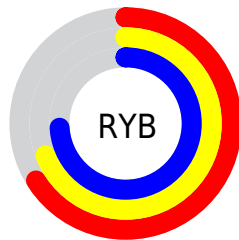
The XYZ color **42.3728, 45.9328, 54.2096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.0369, 43.8280, 43.7284**, and the grayscale version is **43.0355, 45.2767, 49.3063**.

A 20% lighter version of the original color is **77.9361, 84.1120, 97.7155**, and **19.6919, 21.4964, 26.0330** is the 20% darker color. If you saturate the color by 10%, you get **37.6242, 41.9984, 53.7012**, and if you desaturate by 10%, it is **47.7398, 50.2417, 54.7592**.

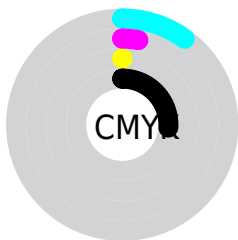
Distribution



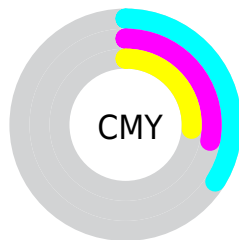
- Red (66%)
- Green (72%)
- Blue (74%)



- Red (66%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3728, 45.9328, 54.2096 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 42.3728, 45.9328, 54.2096 by changing the saturation by 10% instead.

■ 42.3728, 45.9328,
54.2096

■ 42.3728, 45.9328,
54.2096

346.9914,
370.5384, 420.1060

■ 29.5857, 32.1928,
38.3749

■ 78.0252, 84.1184,
97.8414

■ 19.6708, 21.5088,
25.9697

101.6211,
109.3328, 126.4757

■ 12.2629, 13.4964,
16.5754

129.5508,
139.1408, 160.2135

■ 6.9964, 7.7713,
9.7735

162.1794,
173.9268, 199.4736

■ 3.5062, 3.9489,
5.1454

199.8725,
214.0751, 244.6743

■ 1.4268, 1.6450,
2.2726

242.9952,

■ 0.2752, 0.3877,

259.9703, 296.2342

0.7158

291.9131,
311.9966, 354.5719

■ 0.0000, 0.0000,
0.0000

■ 42.3728, 45.9328,
54.2096

■ 42.3728, 45.9328,
54.2096

■ 37.6242, 41.9984,
53.7012

■ 47.7398, 50.2417,
54.7592

■ 33.4651, 38.4193,
53.2295

■ 53.7448, 54.9320,
55.3480

■ 29.8700, 35.1830,
52.7944

■ 60.4114, 60.0176,
55.9782

■ 26.8101, 32.2742,
52.3942

■ 67.7606, 65.5099,
56.6510

■ 24.2536, 29.6760,
52.0274

■ 72.8070, 69.8704,
57.2267

■ 22.1655, 27.3696,
51.6923

■ 74.0294, 72.3153,
57.6342

■ 20.5058, 25.3339,
51.3869

■ 75.2898, 74.8360,
58.0543

■ 19.2274, 23.5441,
51.1088

■ 76.5884, 77.4331,
58.4871

■ 18.2452, 21.9667,
50.8561

■ 77.9255, 80.1074,
58.9329

Harmonies

Analogous

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



41.8464, 45.9328, 51.7107



42.3728, 45.9328, 54.2096



43.2482, 45.9328, 55.6049

Triad

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



42.3728, 45.9328, 54.2096



45.5689, 45.9328, 51.1988



43.0742, 45.9328, 44.9344

Complementary

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



42.3728, 45.9328, 54.2096



43.0369, 43.8280, 43.7284

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.



44.0699, 45.9328, 44.8092



42.3728, 45.9328, 54.2096



45.5206, 45.9328, 48.3529

Square

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



42.3728, 45.9328, 54.2096



45.0995, 45.9328, 53.8225



44.9684, 45.9328, 46.0388



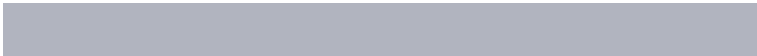
42.2471, 45.9328, 46.3876

Rectangle

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



42.3728, 45.9328, 54.2096



43.9166, 45.9328, 55.6876



44.9684, 45.9328, 46.0388



43.3999, 45.9328, 44.7376

Sweetspot

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



42.3741, 45.9347, 54.2106



83.5396, 88.6859, 98.9413



41.9619, 47.4485, 46.8645



17.7927, 18.9340, 21.2594



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.



42.3741, 45.9347, 54.2106



74.9054, 81.7026, 98.0484



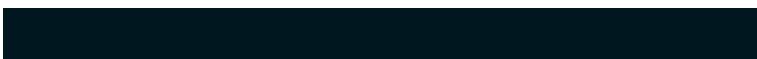
40.5280, 42.2424, 53.5952



9.5905, 10.3733, 12.1690



12.4852, 15.0821, 34.6460



0.5396, 0.6920, 1.3740

Inverse Universe

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



43.4753, 42.4872, 50.7114



77.2918, 74.3123, 90.4470



44.8864, 47.5270, 44.3449



9.8199, 9.6523, 11.4406



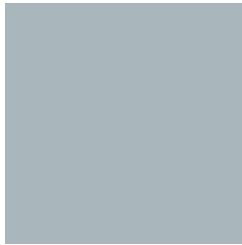
17.3027, 8.5522, 17.4195



0.7033, 0.3452, 0.8168

Previews

White Background



This preview shows how the XYZ color 42.3728, 45.9328, 54.2096 looks on a white background.

Color Contrast Check

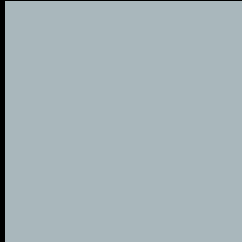
Large Text (above 18pt) WCAG AA × Fail

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 42.3728, 45.9328, 54.2096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

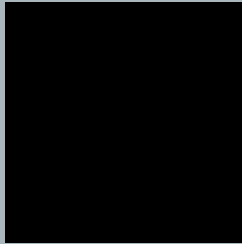
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

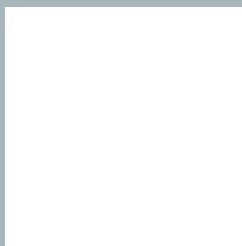
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3728, 45.9328, 54.2096

Background



This preview shows how black text looks on a background with the XYZ color 42.3728, 45.9328, 54.2096.



This preview shows how white text looks on a background with the XYZ color 42.3728, 45.9328,

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

42.3728, 45.9328, 54.2096

Protanopia

44.2744, 45.7305, 52.9477

Deuteranopia

46.8724, 45.8470, 55.0941



Tritanopia

43.2693, 45.9875, 58.8205

Trichromacy



Original Color

42.3728, 45.9328, 54.2096

Protanomaly

43.4224, 45.5775, 53.5224

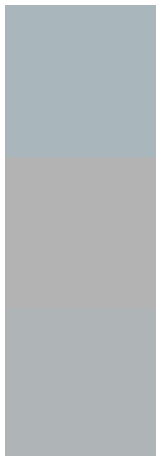
Deuteranomaly

45.1133, 45.8292, 54.6123

Tritanomaly

42.9312, 45.8522, 57.0397

Monochromacy



Original Color

42.3728, 45.9328, 54.2096

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4440, 45.1339, 50.7306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3728, 45.9328, 54.2096 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(169, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 188)  
}
```

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(169, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.3728, 45.9328, 54.2096 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(169, 183, 188) }
```


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

```
.border{ border-color:rgb(169, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3728, 45.9328, 54.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 188) }
```

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

```
.background{ background-color: rgb(169,  
183, 188) }
```

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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