

Converting Colors

XYZ(42.7270, 44.4155, 56.2818)

Have a look what the booklet for
XYZ(42.7270, 44.4155, 56.2818)
contains.

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Color

**XYZ(42.8904, 44.6452,
56.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB2C0
RGB	174, 178, 192
RGB Percent	68%, 70%, 75%
CMY	0.3176, 0.3019, 0.2471
CMYK	0.09, 0.07, 0.00, 0.25
HSL	227°, 12%, 72%
HSV	227°, 9%, 75%
XYZ	42.8904, 44.6452, 56.2260
YIQ	178.4000, -6.8780, 3.5060

Conversions

Conversions Part 2

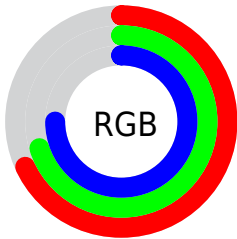
Format	Color
RYB	174, 177, 192
Decimal	11449024
CIELab	72.66, 1.37, -7.60
CIELCh	73, 7.720, 280.188
Yxy	44.6452, 0.2983, 0.3106
Android (android.graphics.Color)	4289639104 (0xFFFAEB2C0)
YUV	178.4000, 6.7048, -3.8588
Hunter-Lab	66.8171, -2.3493, -3.1201

Details

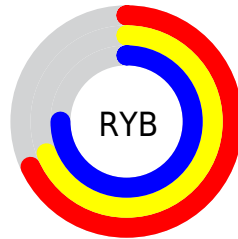
The XYZ color **42.8904, 44.6452, 56.2260** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3617, 50.2287, 47.2442**, and the grayscale version is **42.4980, 44.7112, 48.6905**.

A 20% lighter version of the original color is **78.9992, 82.4459, 100.5569**, and **20.0199, 20.6689, 27.3604** is the 20% darker color. If you saturate the color by 10%, you get **36.1043, 36.9751, 55.1039**, and if you desaturate by 10%, it is **50.6140, 53.2810, 57.4865**.

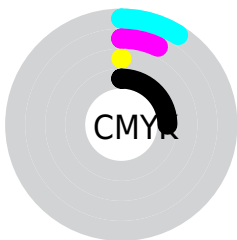
Distribution



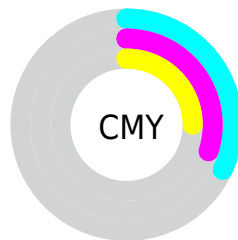
- Red (68%)
- Green (70%)
- Blue (75%)



- Red (68%)
- Yellow (69%)
- Blue (75%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8904, 44.6452, 56.2260 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 42.8904, 44.6452, 56.2260 by changing the saturation by 10% instead.

■ 42.8904, 44.6452,
56.2260

■ 42.8904, 44.6452,
56.2260

349.0900,
365.3347, 427.9549

■ 29.9933, 31.1781,
39.9789

■ 78.8022, 82.1877,
100.8240

■ 19.9815, 20.7345,
27.2085

102.5476,
107.0319, 130.0121

■ 12.4898, 12.9300,
17.4960

130.6397,
136.4372, 164.3509

■ 7.1527, 7.3804,
10.4231

163.4441,
170.7881, 204.2589

■ 3.6050, 3.7011,
5.5711

201.3259,
210.4689, 250.1548

■ 1.4812, 1.5078,
2.5216

244.6506,

■ 0.3130, 0.2942,

255.8640, 302.4571

0.8515

293.7835,
307.3578, 361.5843

■ 0.0000, 0.0000,
0.0000

■ 42.8904, 44.6452,
56.2260

■ 42.8904, 44.6452,
56.2260

■ 36.1043, 36.9751,
55.1039

■ 50.6140, 53.2810,
57.4865

■ 30.2155, 30.2312,
54.1125

■ 59.3052, 62.9091,
58.8868

■ 25.1870, 24.3793,
53.2481

■ 68.9977, 73.5620,
60.4322

■ 20.9773, 19.3812,
52.5052

■ 79.7224, 85.2691,
62.1266

■ 17.5416, 15.1957,
51.8784

■ 85.7722, 95.1012,
63.7056

■ 14.8306, 11.7779,
51.3616

■ 86.5146, 96.5858,
63.9530

■ 12.7889, 9.0784,
50.9481

■ 11.3525, 7.0413,
50.6306

■ 10.4164, 5.5871,
50.3993

Harmonies

Analogous

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



41.5683, 44.6452, 55.8743



42.8904, 44.6452, 56.2260



44.1151, 44.6452, 54.4571

Triad

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



42.8904, 44.6452, 56.2260



44.4289, 44.6452, 44.0117



40.0602, 44.6452, 46.1573

Complementary

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



42.8904, 44.6452, 56.2260



47.3617, 50.2287, 47.2442

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.



40.7960, 44.6452, 43.1991



42.8904, 44.6452, 56.2260



43.3115, 44.6452, 42.0061

Square

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



42.8904, 44.6452, 56.2260



45.0156, 44.6452, 47.3200



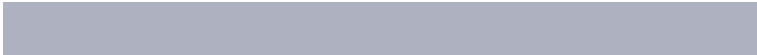
41.9807, 44.6452, 41.7167



39.9529, 44.6452, 49.9254

Rectangle

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



42.8904, 44.6452, 56.2260



44.7045, 44.6452, 52.3652



41.9807, 44.6452, 41.7167



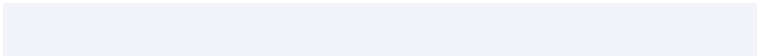
40.2415, 44.6452, 45.0407

Sweetspot

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



42.8917, 44.6471, 56.2270



86.3678, 90.5880, 103.2934



45.3616, 50.3210, 54.7869



18.2826, 19.1592, 22.1198



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8917, 44.6471, 56.2270



75.3774, 78.2655, 101.4942



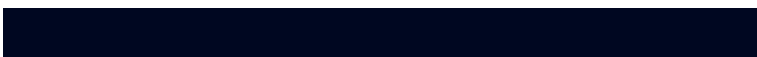
43.1956, 43.6387, 56.0163



9.7059, 10.1032, 12.7234



7.0246, 3.8058, 33.9210



0.3566, 0.2707, 1.4833

Inverse Universe

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



44.9112, 44.6939, 48.3813



79.6954, 78.3972, 84.7119



47.0329, 51.3461, 47.4772



10.1629, 10.1138, 10.9482



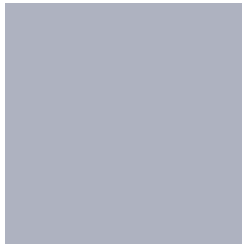
14.9417, 7.6664, 2.3390



0.6724, 0.3420, 0.2422

Previews

White Background



This preview shows how the XYZ color 42.8904, 44.6452, 56.2260 looks on a white background.

Color Contrast Check

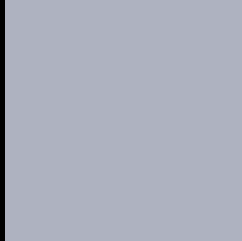
Large Text (above 18pt) WCAG AA × Fail

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 42.8904, 44.6452, 56.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

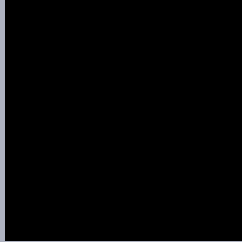
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

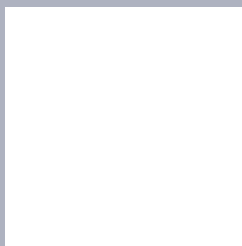
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8904, 44.6452, 56.2260

Background



This preview shows how black text looks on a background with the XYZ color 42.8904, 44.6452, 56.2260.

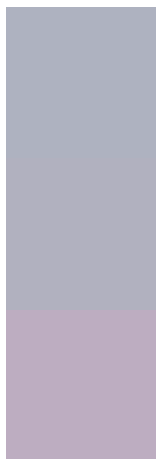


This preview shows how white text looks on a background with the XYZ color 42.8904, 44.6452,

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

42.8904, 44.6452, 56.2260

Protanopia

43.2576, 44.5530, 55.6099

Deuteranopia

45.5555, 44.5562, 56.6513



Tritanopia

42.8904, 44.6452, 56.2260

Trichromacy



Original Color

42.8904, 44.6452, 56.2260

Protanomaly

43.0306, 44.4360, 55.5993

Deuteranomaly

44.7228, 44.7005, 56.7230

Tritanomaly

42.8904, 44.6452, 56.2260

Monochromacy



Original Color

42.8904, 44.6452, 56.2260

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5991, 44.6068, 51.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8904, 44.6452, 56.2260 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, 178, 192) looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 192)  
}
```

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, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.8904, 44.6452, 56.2260 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, 178, 192) }
```


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

```
.border{ border-color:rgb(174, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8904, 44.6452, 56.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 192) }
```

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

```
.background{ background-color: rgb(174,  
178, 192) }
```

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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