

Converting Colors

XYZ(42.2057, 49.7633, 41.3962)

Have a look what the booklet for
XYZ(42.2057, 49.7633, 41.3962)
contains.

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Color

**XYZ(42.1756, 49.6272,
41.5385)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A9C2A2 |
| RGB | 169, 194, 162 |
| RGB Percent | 66%, 76%, 64% |
| CMY | 0.3372, 0.2392, 0.3647 |
| CMYK | 0.13, 0.00, 0.16, 0.24 |
| HSL | 107°, 21%, 70% |
| HSV | 107°, 16%, 76% |
| XYZ | 42.1756, 49.6272, 41.5385 |
| YIQ | 182.8770, -4.6280, -15.2520 |

Conversions

Conversions Part 2

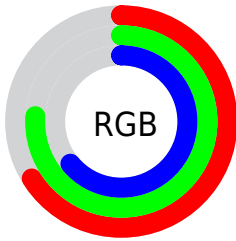
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 194, 187 |
| Decimal | 11125410 |
| CIELab | 75.84, -14.49, 13.29 |
| CIELCh | 76, 19.665, 137.477 |
| Yxy | 49.6272, 0.3163, 0.3722 |
| Android (android.graphics.Color) | 4289315490 (0xFFA9C2A2) |
| YUV | 182.8770, -10.2924, -12.1701 |
| Hunter-Lab | 70.4466, -16.4155, 14.3525 |

Details

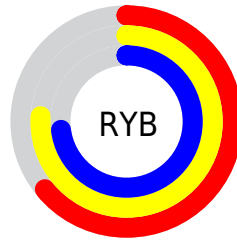
The XYZ color **42.1756, 49.6272, 41.5385** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.1533, 40.3018, 56.5461**, and the grayscale version is **44.9999, 47.3434, 51.5570**.

A 20% lighter version of the original color is **77.7620, 89.8514, 78.8902**, and **19.5287, 23.6639, 18.2902** is the 20% darker color. If you saturate the color by 10%, you get **37.5173, 47.4113, 33.0024**, and if you desaturate by 10%, it is **47.4797, 52.1481, 51.4958**.

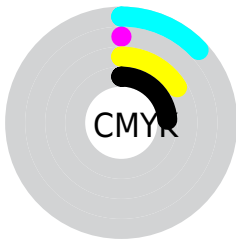
Distribution



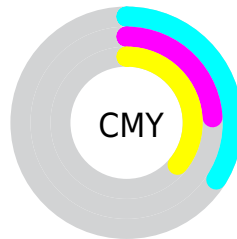
- Red (66%)
- Green (76%)
- Blue (64%)



- Red (64%)
- Yellow (76%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1756, 49.6272, 41.5385 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 42.1756, 49.6272, 41.5385 by changing the saturation by 10% instead.

■ 42.1756, 49.6272,
41.5385

■ 42.1756, 49.6272,
41.5385

346.1896,
385.2063, 368.3093

■ 29.4305, 35.1173,
28.4172

■ 77.7288, 89.6223,
78.7632

■ 19.5527, 23.7532,
18.3986

■ 101.2677,
115.8762, 103.7037

■ 12.1767, 15.1507,
11.0642

129.1352,
146.8136, 133.4211

■ 6.9372, 8.9252,
5.9953

161.6966,
182.8189, 168.3338

■ 3.4688, 4.6924,
2.7735

199.3175,
224.2763, 208.8605

■ 1.4063, 2.0679,
0.9802

242.3630,

■ 0.2607, 0.6465,

271.5705, 255.4196

0.0000

291.1986,
325.0857, 308.4297

0.0000, 0.0000,
0.0000

42.1756, 49.6272,
41.5385

42.1756, 49.6272,
41.5385

37.5173, 47.4113,
33.0024

47.4797, 52.1481,
51.4958

33.4758, 45.4826,
25.8195

53.4491, 54.9785,
62.9314

30.0257, 43.8311,
19.9213

60.1076, 58.1309,
75.9034

27.1385, 42.4434,
15.2319

67.4764, 61.6150,
90.4659

24.7830, 41.3056,
11.6675

74.9245, 65.1796,
103.2397

■ 22.9247, 40.4018,
9.1336

■ 78.5827, 67.0655,
103.4109

■ 21.5251, 39.7145,
7.5201

■ 20.5369, 39.2226,
6.6835

■ 20.2654, 39.0869,
6.4764

Harmonies

Analogous

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



45.0893, 49.6272, 37.0174



42.1756, 49.6272, 41.5385



40.6341, 49.6272, 49.7867

Triad

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



42.1756, 49.6272, 41.5385



45.6613, 49.6272, 76.1682



54.1971, 49.6272, 48.2120

Complementary

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



42.1756, 49.6272, 41.5385



43.1533, 40.3018, 56.5461

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.



54.3698, 49.6272, 58.5196



42.1756, 49.6272, 41.5385



49.3120, 49.6272, 75.6034

Square

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



42.1756, 49.6272, 41.5385



42.5756, 49.6272, 70.2730



52.5421, 49.6272, 68.8171



52.0818, 49.6272, 40.5145

Rectangle

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



42.1756, 49.6272, 41.5385



40.5369, 49.6272, 56.6980



52.5421, 49.6272, 68.8171



54.4880, 49.6272, 51.4579

Sweetspot

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



42.1769, 49.6293, 41.5396



87.4747, 95.1663, 96.0623



46.4432, 49.4231, 41.2749



18.9939, 20.7635, 20.7283



0.0000, 0.0000, 0.0000



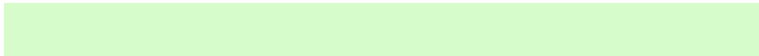
20.3446, 21.4041, 23.3091

Same Dimension

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



42.1769, 49.6293, 41.5396



73.0494, 88.3128, 69.0483



41.4998, 49.1896, 45.6037



10.1459, 11.3627, 10.7203



13.3816, 25.7273, 4.2606



0.6388, 1.1428, 0.1869

Inverse Universe

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



43.1533, 40.3018, 56.5461



75.1678, 68.0515, 101.6433



43.9765, 40.8338, 51.7235



10.2748, 10.1328, 12.6991



14.9345, 6.9595, 34.1128



0.7001, 0.3289, 1.4765

Previews

White Background



This preview shows how the XYZ color 42.1756, 49.6272, 41.5385 looks on a white background.

Color Contrast Check

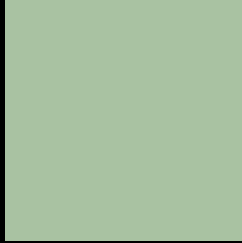
Large Text (above 18pt) WCAG AA × Fail

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 42.1756, 49.6272, 41.5385 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

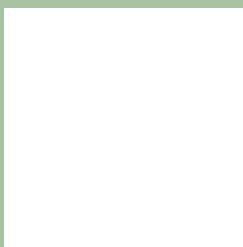
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.1756, 49.6272, 41.5385

Background



This preview shows how black text looks on a background with the XYZ color 42.1756, 49.6272, 41.5385.



This preview shows how white text looks on a background with the XYZ color 42.1756, 49.6272,

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

42.1756, 49.6272, 41.5385

Protanopia

46.4954, 49.3222, 39.4173

Deuteranopia

50.2642, 49.3562, 42.4748



Tritanopia

46.6672, 49.5083, 63.5964

Trichromacy



Original Color

42.1756, 49.6272, 41.5385

Protanomaly

44.7053, 49.3375, 39.9678

Deuteranomaly

46.8148, 49.1140, 42.1345

Tritanomaly

44.7241, 49.3420, 54.7437

Monochromacy



Original Color

42.1756, 49.6272, 41.5385

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.8683, 48.1008, 47.5297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1756, 49.6272, 41.5385 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, 194, 162) looks like.

```
.text, #text, p{  
    color:rgb(169, 194, 162)  
}
```

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, 194, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 194, 162) }
```

Border

The CSS property to change the border of an element to XYZ 42.1756, 49.6272, 41.5385 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, 194, 162) }
```


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

```
.border{ border-color:rgb(169, 194, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 194, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 194, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 194, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 194,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1756, 49.6272, 41.5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 194, 162) }
```

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

```
.background{ background-color: rgb(169,  
194, 162) }
```

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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