

Converting Colors

XYZ(41.7666, 46.1356, 52.3240)

Have a look what the booklet for
XYZ(41.7666, 46.1356, 52.3240)
contains.

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Color

**XYZ(41.7266, 46.2656,
52.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B9B8
RGB	166, 185, 184
RGB Percent	65%, 73%, 72%
CMY	0.3490, 0.2745, 0.2784
CMYK	0.10, 0.00, 0.01, 0.27
HSL	177°, 12%, 69%
HSV	177°, 10%, 73%
XYZ	41.7266, 46.2656, 52.0783
YIQ	179.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

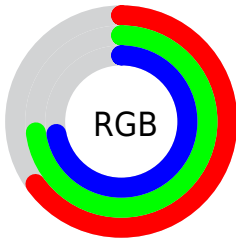
Format	Color
R_YB	166, 176, 185
Decimal	10926520
CIE Lab	73.72, -6.70, -1.72
CIE LCh	74, 6.922, 194.420
Yxy	46.2656, 0.2979, 0.3303
Android (android.graphics.Color)	4289116600 (0xFFA6B9B8)
YUV	179.2050, 2.3639, -11.5808
Hunter-Lab	68.0188, -9.5309, 2.2181

Details

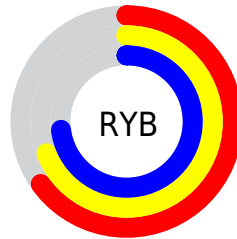
The XYZ color **41.7266, 46.2656, 52.0783** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.6206, 40.3781, 42.2142**, and the grayscale version is **42.9501, 45.1869, 49.2085**.

A 20% lighter version of the original color is **77.0023, 84.5740, 94.7040**, and **19.2874, 21.7186, 24.6483** is the 20% darker color. If you saturate the color by 10%, you get **38.0224, 44.3691, 51.3735**, and if you desaturate by 10%, it is **45.9921, 48.4539, 52.8150**.

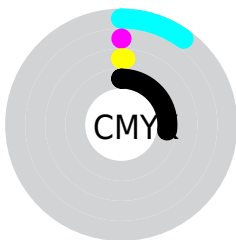
Distribution



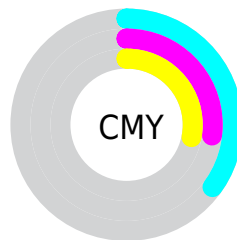
- Red (65%)
- Green (73%)
- Blue (72%)



- Red (65%)
- Yellow (69%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (35%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7266, 46.2656, 52.0783 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 41.7266, 46.2656, 52.0783 by changing the saturation by 10% instead.

■ 41.7266, 46.2656,
52.0783

■ 41.7266, 46.2656,
52.0783

344.3593,
371.8754, 411.7044

■ 29.0774, 32.4555,
36.6848

■ 77.0534, 84.6164,
94.6745

■ 19.2840, 21.7096,
24.6697

■ 100.4618,
109.9258, 122.7142

■ 11.9809, 13.6437,
15.6144

128.1874,
139.8370, 155.8065

■ 6.8028, 7.8733,
9.1003

160.5954,
174.7346, 194.3698

■ 3.3843, 4.0140,
4.7089

198.0512,
215.0028, 238.8227

■ 1.3601, 1.6814,
2.0218

240.9202,

■ 0.2275, 0.4116,

261.0261, 289.5837

0.5686

289.5678,
313.1888, 347.0715

■ 0.0000, 0.0000,
0.0000

■ 41.7266, 46.2656,
52.0783

■ 41.7266, 46.2656,
52.0783

■ 38.0224, 44.3691,
51.3735

■ 45.9921, 48.4539,
52.8150

■ 34.8517, 42.7462,
50.6963

■ 50.8371, 50.9397,
53.5816

■ 32.1906, 41.3860,
50.0467

■ 56.2842, 53.7357,
54.3800

■ 30.0115, 40.2741,
49.4233

■ 62.3532, 56.8523,
55.2113

■ 28.2843, 39.3952,
48.8247

■ 67.7624, 59.6286,
56.0154

■ 26.9756, 38.7319,
48.2493

■ 67.8687, 59.6712,
56.5751

■ 26.0474, 38.2647,
47.6954

■ 67.9757, 59.7140,
57.1385

■ 25.4546, 37.9704,
47.1608

■ 68.0834, 59.7570,
57.7057

■ 25.1114, 37.8042,
46.6551

■ 68.1918, 59.8004,
58.2767

Harmonies

Analogous

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



41.7385, 46.2656, 48.5809



41.7266, 46.2656, 52.0783



42.3091, 46.2656, 55.2584

Triad

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



41.7266, 46.2656, 52.0783



45.6475, 46.2656, 55.3613



44.6113, 46.2656, 44.1381

Complementary

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



41.7266, 46.2656, 52.0783



40.6206, 40.3781, 42.2142

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.



45.6822, 46.2656, 45.7889



41.7266, 46.2656, 52.0783



46.2880, 46.2656, 52.2135

Square

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



41.7266, 46.2656, 52.0783



44.5647, 46.2656, 57.2128



46.3008, 46.2656, 48.7100



43.3886, 46.2656, 44.1057

Rectangle

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



41.7266, 46.2656, 52.0783



42.9624, 46.2656, 56.7246



46.3008, 46.2656, 48.7100



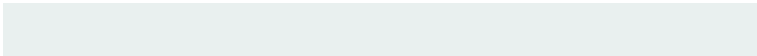
45.0015, 46.2656, 44.5186

Sweetspot

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



41.7279, 46.2675, 52.0793



80.1434, 85.6358, 94.2152



40.2261, 45.6976, 42.7776



17.1418, 18.3918, 20.2878



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.7279, 46.2675, 52.0793



73.3769, 82.1669, 93.0217



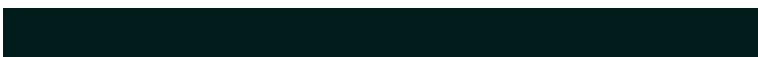
40.1603, 42.9635, 52.0773



9.2457, 10.2022, 11.4510



17.1064, 25.7435, 31.8118



0.6093, 0.9100, 1.1545

Inverse Universe

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



40.6206, 40.3781, 42.2142



71.0528, 69.8059, 72.3170



42.0734, 43.4314, 42.2428



9.0233, 9.0197, 9.4702



13.6683, 7.0411, 0.8744



0.4884, 0.2508, 0.0652

Previews

White Background



This preview shows how the XYZ color 41.7266, 46.2656, 52.0783 looks on a white background.

Color Contrast Check

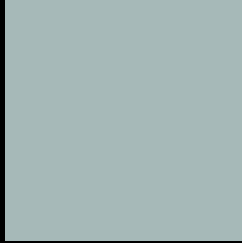
Large Text (above 18pt) WCAG AA × Fail

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 41.7266, 46.2656, 52.0783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

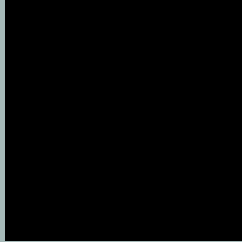
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

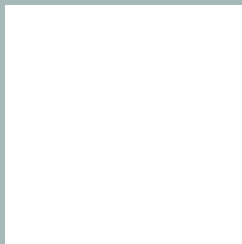
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7266, 46.2656, 52.0783

Background



This preview shows how black text looks on a background with the XYZ color 41.7266, 46.2656, 52.0783.

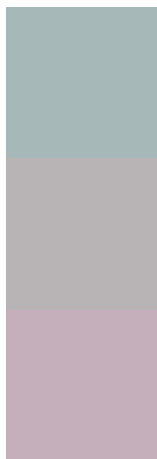


This preview shows how white text looks on a background with the XYZ color 41.7266, 46.2656,

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

41.7266, 46.2656, 52.0783

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

46.9578, 45.9409, 52.8469



Tritanopia

43.1600, 46.2230, 59.4705

Trichromacy



Original Color

41.7266, 46.2656, 52.0783

Protanomaly

43.3029, 46.1804, 50.8874

Deuteranomaly

44.8846, 46.0573, 52.4232

Tritanomaly

42.5913, 46.3022, 56.5616

Monochromacy



Original Color

41.7266, 46.2656, 52.0783

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.3199, 45.3826, 50.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7266, 46.2656, 52.0783 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(166, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(166, 185, 184)  
}
```

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(166, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 185, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.7266, 46.2656, 52.0783 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(166, 185, 184) }
```


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

```
.border{ border-color:rgb(166, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 185, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 185, 184);  
box-shadow:4px 4px 4px 4px rgb(166, 185,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7266, 46.2656, 52.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 185, 184) }
```

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

```
.background{ background-color: rgb(166,  
185, 184) }
```

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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