

Converting Colors

XYZ(47.0041, 52.4689, 71.2685)

Have a look what the booklet for
XYZ(47.0041, 52.4689, 71.2685)
contains.

XYZ(47.0041, 52.4689, 71.2685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.0041, 52.4689,
71.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C5D6
RGB	162, 197, 214
RGB Percent	64%, 77%, 84%
CMY	0.3647, 0.2274, 0.1608
CMYK	0.24, 0.08, 0.00, 0.16
HSL	200°, 39%, 74%
HSV	200°, 24%, 84%
XYZ	47.0041, 52.4689, 71.2685
YIQ	188.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

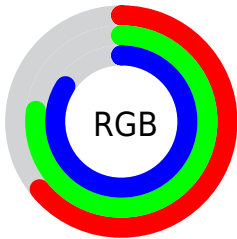
Format	Color
RYB	162, 183, 214
Decimal	10667478
CIELab	77.56, -7.88, -12.34
CIELCh	78, 14.640, 237.443
Yxy	52.4689, 0.2753, 0.3073
Android (android.graphics.Color)	4288857558 (0xFFA2C5D6)
YUV	188.4730, 12.5848, -23.2168
Hunter-Lab	72.4354, -10.9315, -7.6301

Details

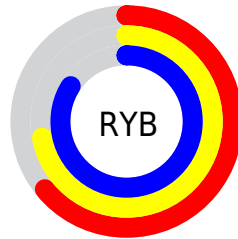
The XYZ color **47.0041, 52.4689, 71.2685** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3738, 49.1452, 41.0145**, and the grayscale version is **48.0115, 50.5119, 55.0074**.

A 20% lighter version of the original color is **82.4053, 93.0090, 108.2171**, and **22.3871, 25.3993, 36.5235** is the 20% darker color. If you saturate the color by 10%, you get **41.4701, 47.3137, 70.5660**, and if you desaturate by 10%, it is **53.3548, 58.1572, 72.0326**.

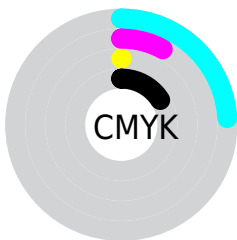
Distribution



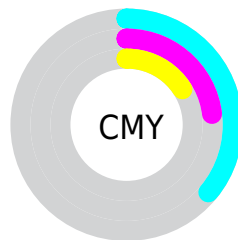
- Red (64%)
- Green (77%)
- Blue (84%)



- Red (64%)
- Yellow (72%)
- Blue (84%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0041, 52.4689, 71.2685 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 47.0041, 52.4689, 71.2685 by changing the saturation by 10% instead.

■ 47.0041, 52.4689,
71.2685

■ 47.0041, 52.4689,
71.2685

365.4795,
396.2442, 483.9004

■ 33.2469, 37.3790,
52.0782

■ 84.9384, 93.8224,
122.7140

■ 22.4758, 25.5010,
36.6847

■ 109.8463,
120.8548, 155.8062

■ 14.3255, 16.4507,
24.6696

139.2016,
152.6367, 194.3695

■ 8.4306, 9.8437,
15.6143

173.3700,
189.5526, 238.8223

■ 4.4258, 5.2954,
9.1002

212.7165,
231.9870, 289.5833

■ 1.9457, 2.4216,
4.7089

257.6068,

■ 0.6032, 0.8370,

280.3241, 347.0710

2.0218

308.4060,
334.9483, 411.7038

■ 0.0000, 0.0000,
0.5686

■ 0.0000, 0.0000,
0.0000

■ 47.0041, 52.4689,
71.2685

■ 47.0041, 52.4689,
71.2685

■ 41.4701, 47.3137,
70.5660

■ 53.3548, 58.1572,
72.0326

■ 36.7095, 42.6639,
69.9194

■ 60.5531, 64.3920,
72.8566

■ 32.6823, 38.4985,
69.3277

■ 68.6342, 71.1941,
73.7437

■ 29.3425, 34.7926,
68.7884

■ 77.6297, 78.5814,
74.6954

■ 26.6386, 31.5178,
68.2988

■ 82.2288, 83.8172,
75.4637

■ 24.5111, 28.6419,
67.8558

■ 84.2371, 87.8338,
76.1331

■ 22.8879, 26.1262,
67.4558

■ 86.3247, 92.0089,
76.8289

■ 22.1184, 24.8164,
67.2435

■ 88.4923, 96.3443,
77.5515

■ 89.1378, 97.6351,
77.7666

Harmonies

Analogous

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



45.2037, 52.4689, 64.6024



47.0041, 52.4689, 71.2685



49.6282, 52.4689, 74.1203

Triad

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



47.0041, 52.4689, 71.2685



55.4951, 52.4689, 57.8264



47.4087, 52.4689, 44.4075

Complementary

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



47.0041, 52.4689, 71.2685



50.3738, 49.1452, 41.0145

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.



50.1128, 52.4689, 42.9569



47.0041, 52.4689, 71.2685



54.8471, 52.4689, 50.2567

Square

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



47.0041, 52.4689, 71.2685



54.5894, 52.4689, 65.9157



52.8503, 52.4689, 44.9967



45.4310, 52.4689, 49.1614

Rectangle

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



47.0041, 52.4689, 71.2685



51.5160, 52.4689, 73.2910



52.8503, 52.4689, 44.9967



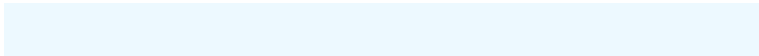
48.2597, 52.4689, 43.5381

Sweetspot

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



47.0057, 52.4710, 71.2697



86.9519, 93.1039, 107.9957



47.0307, 59.0087, 51.2777



18.4684, 19.8050, 23.0993



0.0000, 0.0000, 0.0000



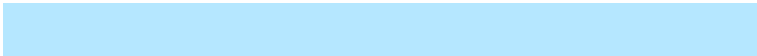
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0057, 52.4710, 71.2697



65.6454, 74.1050, 105.4516



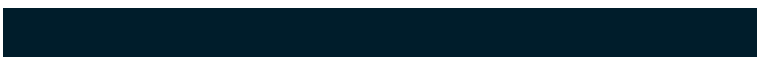
41.7028, 41.8653, 69.5021



12.4342, 13.3918, 15.8670



13.4674, 15.1966, 40.6766



0.8863, 1.0646, 2.4781

Inverse Universe

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



50.7312, 44.1692, 58.6774



72.1735, 60.0878, 83.2676



55.9581, 60.3137, 42.8759



12.7723, 12.5604, 14.7414



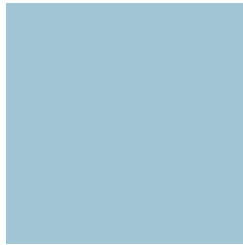
19.8566, 9.8790, 17.0807



1.2350, 0.6108, 1.2269

Previews

White Background



This preview shows how the XYZ color 47.0041, 52.4689, 71.2685 looks on a white background.

Color Contrast Check

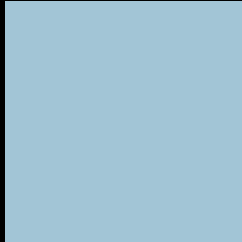
Large Text (above 18pt) WCAG AA × Fail

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 47.0041, 52.4689, 71.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

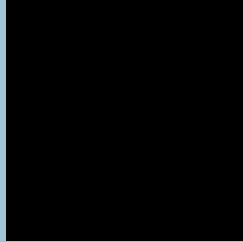
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0041, 52.4689, 71.2685

Background



This preview shows how black text looks on a background with the XYZ color 47.0041, 52.4689, 71.2685.



This preview shows how white text looks on a background with the XYZ color 47.0041, 52.4689,

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

47.0041, 52.4689, 71.2685

Protanopia

51.0326, 52.2989, 68.3778

Deuteranopia

53.2423, 52.0814, 72.2123



Tritanopia

46.8768, 52.4180, 70.5978

Trichromacy



Original Color

47.0041, 52.4689, 71.2685

Protanomaly

49.4182, 52.4268, 69.1428

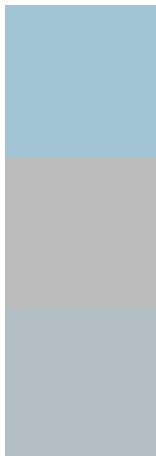
Deuteranomaly

50.6868, 52.0475, 71.6647

Tritanomaly

46.8768, 52.4180, 70.5978

Monochromacy



Original Color

47.0041, 52.4689, 71.2685

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2993, 50.8765, 60.1505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0041, 52.4689, 71.2685 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(162, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(162, 197, 214)  
}
```

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(162, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 47.0041, 52.4689, 71.2685 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(162, 197, 214) }
```


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

```
.border{ border-color:rgb(162, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(162, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0041, 52.4689, 71.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 197, 214) }
```

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

```
.background{ background-color: rgb(162,  
197, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor