

Converting Colors

XYZ(41.4290, 54.7103, 64.2605)

Have a look what the booklet for
XYZ(41.4290, 54.7103, 64.2605)
contains.

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Color

**XYZ(41.4261, 54.7044,
64.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	76D3CA
RGB	118, 211, 202
RGB Percent	46%, 83%, 79%
CMY	0.5372, 0.1725, 0.2078
CMYK	0.44, 0.00, 0.04, 0.17
HSL	174°, 51%, 65%
HSV	174°, 44%, 83%
XYZ	41.4261, 54.7044, 64.2527
YIQ	182.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

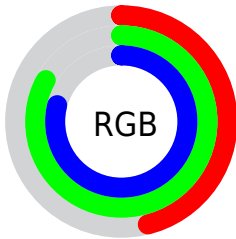
Format	Color
RYB	118, 167, 211
Decimal	7787466
CIELab	78.87, -29.83, -4.18
CIELCh	79, 30.122, 187.985
Yxy	54.7044, 0.2583, 0.3411
Android (android.graphics.Color)	4285977546 (0xFF76D3CA)
YUV	182.1670, 9.7777, -56.2745
Hunter-Lab	73.9624, -29.4570, 0.2672

Details

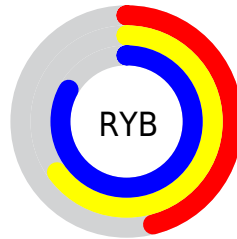
The XYZ color **41.4261, 54.7044, 64.2527** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.1750, 28.3395, 23.5913**, and the grayscale version is **44.5246, 46.8433, 51.0124**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **19.0972, 26.8757, 32.1980** is the 20% darker color. If you saturate the color by 10%, you get **38.6352, 53.2947, 62.8691**, and if you desaturate by 10%, it is **44.8643, 56.4501, 65.6857**.

Distribution



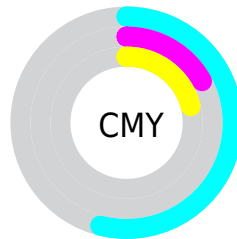
- Red (46%)
- Green (83%)
- Blue (79%)



- Red (46%)
- Yellow (65%)
- Blue (83%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (54%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4261, 54.7044, 64.2527 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 41.4261, 54.7044, 64.2527 by changing the saturation by 10% instead.

■ 41.4261, 54.7044,
64.2527

■ 41.4261, 54.7044,
64.2527

343.1306,
404.7904, 458.3341

■ 28.8413, 39.1651,
46.4079

■ 76.6009, 97.1077,
112.5778

■ 19.1045, 26.8882,
32.2168

■ 99.9217, 124.7405,
143.8951

■ 11.8503, 17.4893,
21.2610

■ 127.5518,
157.1733, 180.5403

■ 6.7133, 10.5839,
13.1218

159.8567,
194.7904, 222.9320

■ 3.3282, 5.7878,
7.3808

197.2017,
237.9763, 271.4887

■ 1.3296, 2.7165,
3.6193

239.9521,

■ 0.2052, 0.9856,

287.1154, 326.6289

1.4189

288.4733,
342.5919, 388.7712

■ 0.0000, 0.0000,
0.1564

■ 0.0000, 0.0000,
0.0000

■ 41.4261, 54.7044,
64.2527

■ 41.4261, 54.7044,
64.2527

■ 38.6352, 53.2947,
62.8691

■ 44.8643, 56.4501,
65.6857

■ 36.4434, 52.1922,
61.5289


■ 48.9843, 58.5455,
67.1663


■ 34.8040, 51.3741,
60.2312


■ 53.8237, 61.0114,
68.6973


■ 33.6605, 50.8113,
58.9732


■ 59.4162, 63.8652,
70.2805


 32.9450, 50.4687,
57.7517


 65.7932, 67.1230,
71.9173

 32.6529, 50.3335,
57.0419

 72.9843, 70.8002,
73.6093

 76.9686, 72.8238,
75.1683

 77.2349, 72.9303,
76.5704

 77.5044, 73.0381,
77.9899

Harmonies

Analogous

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



42.0535, 54.7044, 48.0605



41.4261, 54.7044, 64.2527



43.4543, 54.7044, 82.1982

Triad

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



41.4261, 54.7044, 64.2527



59.3919, 54.7044, 89.4466



56.4220, 54.7044, 33.9686

Complementary

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



41.4261, 54.7044, 64.2527



37.1750, 28.3395, 23.5913

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.



61.5870, 54.7044, 41.5200



41.4261, 54.7044, 64.2527



63.3911, 54.7044, 72.7701

Square

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



41.4261, 54.7044, 64.2527



53.6073, 54.7044, 98.4556



64.2238, 54.7044, 55.1087



50.4151, 54.7044, 32.5579

Rectangle

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



41.4261, 54.7044, 64.2527



46.1383, 54.7044, 92.0490



64.2238, 54.7044, 55.1087



58.3273, 54.7044, 35.7920

Sweetspot

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



41.4277, 54.7066, 64.2540



83.3759, 94.0410, 105.6793



35.3630, 52.4339, 25.3974



17.4649, 19.9344, 22.5057



0.0000, 0.0000, 0.0000



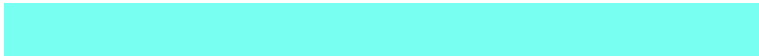
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4277, 54.7066, 64.2540



59.4996, 81.9082, 96.6134



34.3281, 38.7513, 67.3010



12.1070, 13.3865, 14.9197



19.7263, 30.3834, 34.5344



1.1176, 1.7047, 2.0081

Inverse Universe

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



37.1750, 28.3395, 23.5913



52.1674, 36.3485, 26.4323



41.8905, 38.6680, 22.3963



11.8546, 11.8266, 12.5100



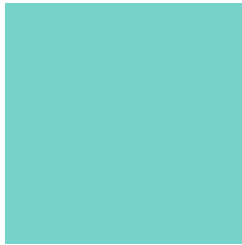
16.3081, 8.3961, 1.2628



0.9281, 0.4760, 0.1564

Previews

White Background



This preview shows how the XYZ color 41.4261, 54.7044, 64.2527 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 41.4261, 54.7044, 64.2527 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

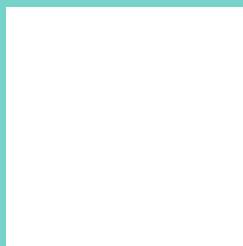
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4261, 54.7044, 64.2527

Background



This preview shows how black text looks on a background with the XYZ color 41.4261, 54.7044, 64.2527.

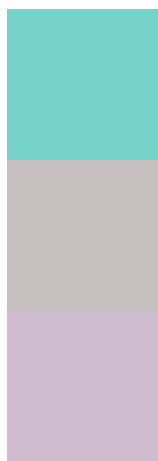


This preview shows how white text looks on a background with the XYZ color 41.4261, 54.7044,

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

41.4261, 54.7044, 64.2527

Protanopia

51.8731, 53.9515, 57.5488

Deuteranopia

55.1922, 54.1656, 66.5775



Tritanopia

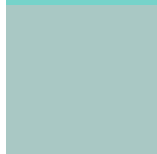
44.3226, 54.7787, 78.7583

Trichromacy



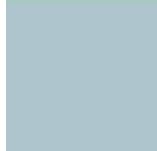
Original Color

41.4261, 54.7044, 64.2527



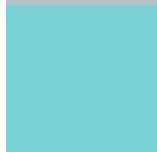
Protanomaly

46.9803, 53.7291, 60.1192



Deuteranomaly

48.6649, 53.4542, 65.5104



Tritanomaly

43.2212, 54.6964, 73.2452

Monochromacy



Original Color

41.4261, 54.7044, 64.2527



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.5533, 49.1850, 55.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4261, 54.7044, 64.2527 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(118, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(118, 211, 202)  
}
```

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(118, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 211, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.4261, 54.7044, 64.2527 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(118, 211, 202) }
```


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

```
.border{ border-color:rgb(118, 211, 202) }
```

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

Here you see how a box with a 4 pixel rgb(118, 211, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(118, 211,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4261, 54.7044, 64.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 211, 202) }
```

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

```
.background{ background-color: rgb(118,  
211, 202) }
```

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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