

Converting Colors

XYZ(64.9529, 74.7516, 82.2393)

Have a look what the booklet for
XYZ(64.9529, 74.7516, 82.2393)
contains.

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Color

**XYZ(64.9529, 74.7516,
82.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E8E1
RGB	195, 232, 225
RGB Percent	76%, 91%, 88%
CMY	0.2353, 0.0902, 0.1176
CMYK	0.16, 0.00, 0.03, 0.09
HSL	169°, 45%, 84%
HSV	169°, 16%, 91%
XYZ	64.9529, 74.7516, 82.2393
YIQ	220.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

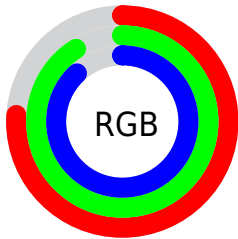
Format	Color
RYB	195, 215, 232
Decimal	12839137
CIELab	89.28, -13.37, -0.63
CIELCh	89, 13.383, 182.689
Yxy	74.7516, 0.2927, 0.3368
Android (android.graphics.Color)	4291029217 (0xFFC3E8E1)
YUV	220.1390, 2.3965, -22.0469
Hunter-Lab	86.4590, -17.2040, 4.1250

Details

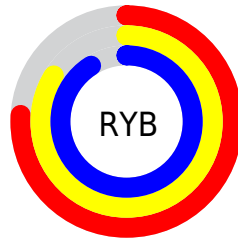
The XYZ color **64.9529, 74.7516, 82.2393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4572, 60.4523, 64.2043**, and the grayscale version is **68.1200, 71.6675, 78.0459**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **33.7655, 39.6157, 43.8972** is the 20% darker color. If you saturate the color by 10%, you get **58.8270, 71.6639, 78.8670**, and if you desaturate by 10%, it is **72.0298, 78.3318, 85.7397**.

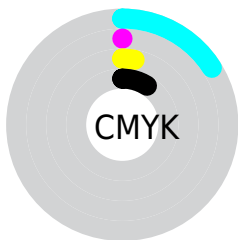
Distribution



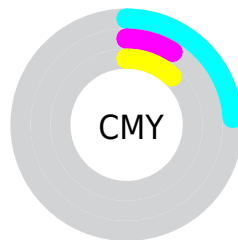
- Red (76%)
- Green (91%)
- Blue (88%)



- Red (76%)
- Yellow (84%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9529, 74.7516, 82.2393 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 64.9529, 74.7516, 82.2393 by changing the saturation by 10% instead.

64.9529, 74.7516,
82.2393

64.9529, 74.7516,
82.2393

432.1706,
477.0634, 522.3522

47.6874, 55.4094,
61.0258

111.0482,
125.9607, 138.3492

33.7897, 39.7296,
43.8153

140.6088,
158.5964, 174.0828

22.8942, 27.3278,
30.1892

174.9985,
196.4320, 215.4934

14.6357, 17.8196,
19.7290

214.5826,
239.8520, 262.9997

8.6487, 10.8205,
12.0161

259.7265,
289.2407, 317.0202

4.5680, 5.9463,
6.6320

310.7956,

2.0282, 2.8124,

344.9826, 377.9734

3.1581

368.1551,
407.4620, 446.2779

■ 0.6498, 1.0346,
1.1759

■ 0.0000, 0.0000,
0.0000

■ 64.9529, 74.7516,
82.2393

■ 64.9529, 74.7516,
82.2393

■ 58.8270, 71.6639,
78.8670

■ 72.0298, 78.3318,
85.7397

■ 53.6029, 69.0373,
75.6151

■ 80.0916, 82.4159,
89.3656

■ 49.2361, 66.8510,
72.4827

■ 85.5563, 85.1593,
92.9516

■ 45.6763, 65.0789,
69.4666

■ 86.2101, 85.4209,
96.3946

■ 42.8675, 63.6923,
66.5636

■ 86.8798, 85.6887,
99.9211

■ 40.7466, 62.6585,
63.7703

■ 87.5654, 85.9630,
103.5316

■ 39.2398, 61.9397,
61.0824

■ 88.1480, 86.1960,
106.5993

■ 38.2561, 61.4888,
58.4952

■ 37.9454, 61.3510,
57.4727

Harmonies

Analogous

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



65.6086, 74.7516, 73.4076



64.9529, 74.7516, 82.2393



65.8887, 74.7516, 91.5075

Triad

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



64.9529, 74.7516, 82.2393



74.4986, 74.7516, 97.5036



73.9727, 74.7516, 66.4202

Complementary

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



64.9529, 74.7516, 82.2393



63.4572, 60.4523, 64.2043

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.



76.4723, 74.7516, 72.0505



64.9529, 74.7516, 82.2393



76.7824, 74.7516, 89.9349

Square

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



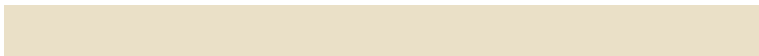
64.9529, 74.7516, 82.2393



71.3445, 74.7516, 100.7327



77.5154, 74.7516, 80.5501



70.7547, 74.7516, 64.7000

Rectangle

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



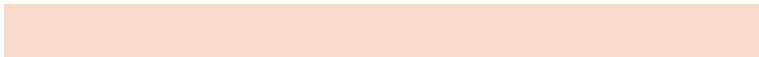
64.9529, 74.7516, 82.2393



67.3064, 74.7516, 96.5672



77.5154, 74.7516, 80.5501



74.9281, 74.7516, 67.8958

Sweetspot

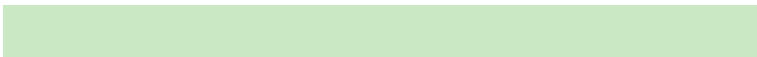
The Sweet Spot groups the original color and five complimentary colors.



64.9550, 74.7547, 82.2410



90.1277, 97.5071, 106.6544



63.1748, 74.2690, 62.6366



19.1483, 20.7983, 22.7616



0.0000, 0.0000, 0.0000



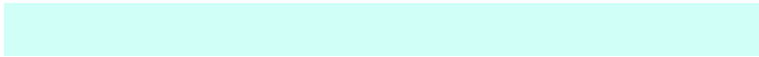
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9550, 74.7547, 82.2410



77.9751, 91.3641, 100.5775



62.9035, 69.0911, 86.3682



14.6843, 16.2872, 17.8684



21.1091, 34.0757, 32.1384



1.5902, 2.5302, 2.5343

Inverse Universe

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



63.4572, 60.4523, 64.2043



75.8024, 70.6113, 74.4101



65.2269, 65.2890, 60.7951



14.4879, 14.4123, 15.5036



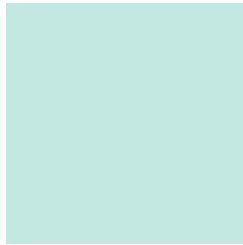
18.7607, 9.6385, 2.3687



1.4181, 0.7250, 0.3424

Previews

White Background



This preview shows how the XYZ color 64.9529, 74.7516, 82.2393 looks on a white background.

Color Contrast Check

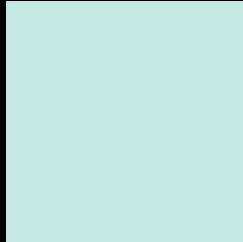
Large Text (above 18pt) WCAG AA × Fail

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 64.9529, 74.7516, 82.2393 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

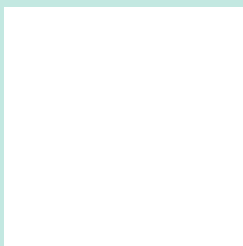
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9529, 74.7516, 82.2393

Background



This preview shows how black text looks on a background with the XYZ color 64.9529, 74.7516, 82.2393.

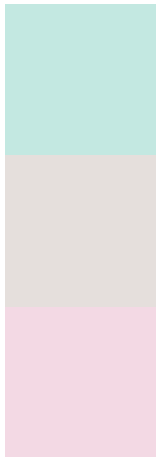


This preview shows how white text looks on a background with the XYZ color 64.9529, 74.7516,

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

64.9529, 74.7516, 82.2393

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

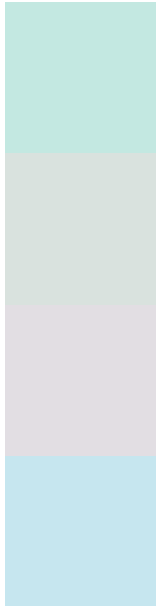
75.7786, 74.2818, 83.7427



Tritanopia

68.3610, 74.8961, 98.8491

Trichromacy



Original Color

64.9529, 74.7516, 82.2393

Protanomaly

68.9964, 74.4184, 79.8349

Deuteranomaly

71.3504, 73.9574, 83.1877

Tritanomaly

67.1655, 74.8314, 92.5653

Monochromacy



Original Color

64.9529, 74.7516, 82.2393

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.7044, 72.4341, 79.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9529, 74.7516, 82.2393 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(195, 232, 225)` looks like.

```
.text, #text, p{  
    color:rgb(195, 232, 225)  
}
```

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(195, 232, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 232, 225) }
```

Border

The CSS property to change the border of an element to XYZ 64.9529, 74.7516, 82.2393 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(195, 232, 225) }
```


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

```
.border{ border-color:rgb(195, 232, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 232, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 232, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 232, 225);  
box-shadow:4px 4px 4px 4px rgb(195, 232,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9529, 74.7516, 82.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 232, 225) }
```

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

```
.background{ background-color: rgb(195,  
232, 225) }
```

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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