

Converting Colors

XYZ(66.2090, 74.1786, 62.4581)

Have a look what the booklet for
XYZ(66.2090, 74.1786, 62.4581)
contains.

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Color

**XYZ(66.2090, 74.1786,
62.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E4C3
RGB	217, 228, 195
RGB Percent	85%, 89%, 76%
CMY	0.1490, 0.1059, 0.2353
CMYK	0.05, 0.00, 0.14, 0.11
HSL	80°, 38%, 83%
HSV	80°, 14%, 89%
XYZ	66.2090, 74.1786, 62.4581
YIQ	220.9490, 4.0370, -12.5950

Conversions

Conversions Part 2

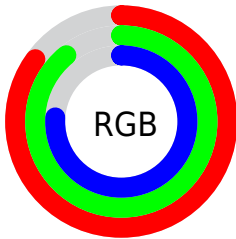
Format	Color
RYB	195, 228, 206
Decimal	14279875
CIELab	89.01, -9.39, 14.87
CIELCh	89, 17.583, 122.261
Yxy	74.1786, 0.3264, 0.3657
Android (android.graphics.Color)	4292469955 (0xFFD9E4C3)
YUV	220.9490, -12.7929, -3.4633
Hunter-Lab	86.1270, -13.5027, 17.2926

Details

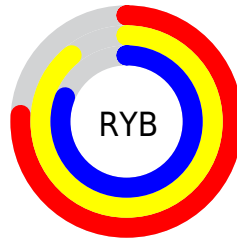
The XYZ color **66.2090, 74.1786, 62.4581** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.9752, 57.7555, 81.4423**, and the grayscale version is **68.7781, 72.3599, 78.8000**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **34.6516, 39.4916, 30.9956** is the 20% darker color. If you saturate the color by 10%, you get **61.6181, 72.0896, 49.7982**, and if you desaturate by 10%, it is **71.3017, 76.4852, 77.1993**.

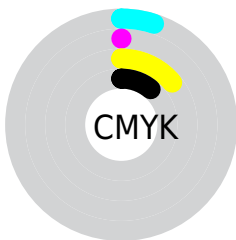
Distribution



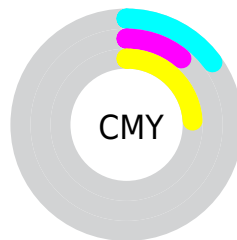
- Red (85%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2090, 74.1786, 62.4581 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 66.2090, 74.1786, 62.4581 by changing the saturation by 10% instead.

■ 66.2090, 74.1786,
62.4581

■ 66.2090, 74.1786,
62.4581

436.6008,
475.0895, 451.6538

■ 48.7104, 54.9402,
44.9648

112.8423,
125.1490, 109.9654

■ 34.6034, 39.3539,
31.0869

142.7078,
157.6497, 140.8164

■ 23.5226, 27.0351,
20.4060

177.4262,
195.3401, 176.9570

■ 15.1027, 17.5996,
12.5035

217.3630,
238.6044, 218.8058

■ 8.9783, 10.6629,
6.9609

262.8835,
287.8272, 266.7814

■ 4.7840, 5.8407,
3.3596

314.3531,

■ 2.1545, 2.7484,

343.3927, 321.3022

1.2810

372.1371,
405.6853, 382.7869

■ 0.7186, 1.0018,
0.0462

■ 0.0000, 0.0000,
0.0000

■ 66.2090, 74.1786,
62.4581

■ 66.2090, 74.1786,
62.4581

■ 61.6181, 72.0896,
49.7982

■ 71.3017, 76.4852,
77.1993

■ 57.5038, 70.2007,
39.1211

■ 76.9083, 79.0072,
94.1049

■ 53.8476, 68.5067,
30.3274

■ 81.6649, 81.2014,
105.9770

■ 50.6272, 66.9985,
23.3071

■ 84.2975, 82.5586,
106.1002

■ 47.8180, 65.6662,
17.9390

■ 87.0349, 83.9697,
106.2283

■ 45.3927, 64.4987,
14.0866

■ 43.3196, 63.4831,
11.5916

■ 41.5606, 62.6039,
10.2606

■ 40.6904, 62.1634,
9.8541

Harmonies

Analogous

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



70.1809, 74.1786, 59.4622



66.2090, 74.1786, 62.4581



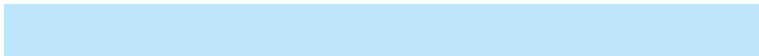
63.4793, 74.1786, 70.3026

Triad

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



66.2090, 74.1786, 62.4581



66.7488, 74.1786, 103.4370



79.0376, 74.1786, 79.8432

Complementary

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



66.2090, 74.1786, 62.4581



58.9752, 57.7555, 81.4423

Split Complementary

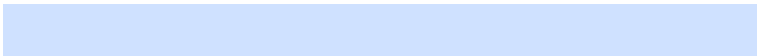
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0298, 74.1786, 92.2234



66.2090, 74.1786, 62.4581



70.8292, 74.1786, 106.6372

Square

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



66.2090, 74.1786, 62.4581



63.7820, 74.1786, 93.9910



74.9820, 74.1786, 102.3461



77.6835, 74.1786, 68.8470

Rectangle

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



66.2090, 74.1786, 62.4581



62.6721, 74.1786, 77.6402



74.9820, 74.1786, 102.3461



78.9638, 74.1786, 83.9784

Sweetspot

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



66.2110, 74.1818, 62.4597



92.2107, 98.7210, 100.4212



63.9192, 64.5791, 60.7270



19.6252, 21.0800, 21.1639



0.0000, 0.0000, 0.0000



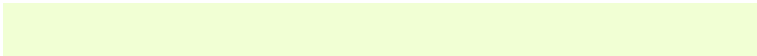
20.3446, 21.4041, 23.3091

Same Dimension

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



66.2110, 74.1818, 62.4597



83.7203, 94.8768, 75.9566



61.5493, 71.7786, 62.2415



15.1102, 16.5639, 15.3052



23.6255, 35.9609, 5.6959



1.8434, 2.7077, 0.4255

Inverse Universe

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



58.9752, 57.7555, 81.4423



72.9028, 70.3178, 104.3380



63.7989, 60.2422, 81.6680



14.0334, 14.1194, 18.1300



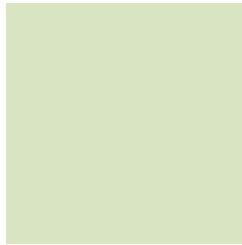
9.9206, 4.1802, 42.6671



0.8288, 0.3582, 3.1574

Previews

White Background



This preview shows how the XYZ color 66.2090, 74.1786, 62.4581 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 66.2090, 74.1786, 62.4581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

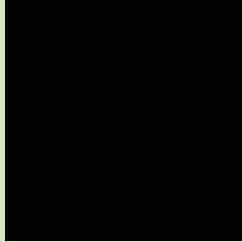
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

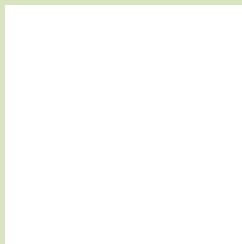
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2090, 74.1786, 62.4581

Background



This preview shows how black text looks on a background with the XYZ color 66.2090, 74.1786, 62.4581.



This preview shows how white text looks on a background with the XYZ color 66.2090, 74.1786,

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

66.2090, 74.1786, 62.4581

Protanopia

69.8338, 74.0735, 60.4862

Deuteranopia

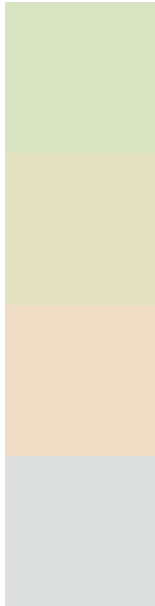
75.3665, 73.7489, 63.6888



Tritanopia

72.1327, 74.1625, 92.1744

Trichromacy



Original Color

66.2090, 74.1786, 62.4581

Protanomaly

68.5458, 74.1947, 61.1603

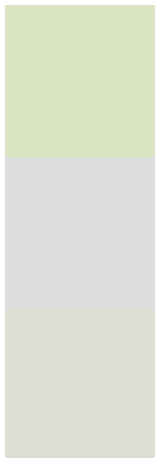
Deuteranomaly

71.9469, 73.9184, 63.2990

Tritanomaly

69.7937, 74.0112, 80.4191

Monochromacy



Original Color

66.2090, 74.1786, 62.4581

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0545, 73.2804, 72.8450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2090, 74.1786, 62.4581 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(217, 228, 195) looks like.

```
.text, #text, p{  
    color:rgb(217, 228, 195)  
}
```

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(217, 228, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 228, 195) }
```

Border

The CSS property to change the border of an element to XYZ 66.2090, 74.1786, 62.4581 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(217, 228, 195) }
```


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

```
.border{ border-color:rgb(217, 228, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 228, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 228, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 228, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 228,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2090, 74.1786, 62.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 228, 195) }
```

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

```
.background{ background-color: rgb(217,  
228, 195) }
```

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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