

Converting Colors

XYZ(101.5041, 102.5810,
62.9961)

Have a look what the booklet for
XYZ(101.5041, 102.5810, 62.9961)
contains.

XYZ(85.0314, 93.9721, 62.3720)	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(85.0314, 93.9721,
62.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBBE
RGB	255, 251, 190
RGB Percent	100%, 98%, 75%
CMY	0.0000, 0.0157, 0.2549
CMYK	0.00, 0.02, 0.25, 0.00
HSL	56°, 100%, 87%
HSV	56°, 25%, 100%
XYZ	85.0314, 93.9721, 62.3720
YIQ	245.2420, 21.9650, -18.1230

Conversions

Conversions Part 2

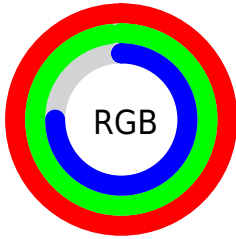
Format	Color
RYB	194, 255, 190
Decimal	16776126
CIELab	97.62, -7.96, 29.80
CIELCh	98, 30.842, 104.962
Yxy	93.9721, 0.3523, 0.3893
Android (android.graphics.Color)	4294966206 (0xFFFFBBE)
YUV	245.2420, -27.2343, 8.5578
Hunter-Lab	96.9392, -13.0702, 29.7095

Details

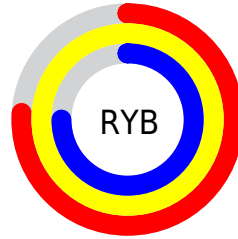
The XYZ color **85.0314, 93.9721, 62.3720** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.5766, 56.7491, 102.4741**, and the grayscale version is **87.1879, 91.7285, 99.8923**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **47.2477, 52.8136, 30.9964** is the 20% darker color. If you saturate the color by 10%, you get **81.9981, 91.9821, 48.7928**, and if you desaturate by 10%, it is **88.5611, 96.1736, 78.5246**.

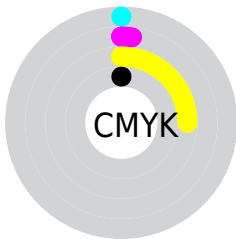
Distribution



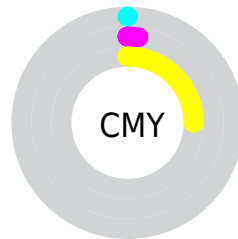
- Red (100%)
- Green (98%)
- Blue (75%)



- Red (76%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0314, 93.9721, 62.3720 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 85.0314, 93.9721, 62.3720 by changing the saturation by 10% instead.


 85.0314, 93.9721,
62.3720

 85.0314, 93.9721,
62.3720


500.2141,
540.8690, 451.3318

 64.1899, 71.2797,
44.8956


 139.3308,
152.8438, 109.8398

 47.0668, 52.5705,
31.0329


173.5195,
189.7919, 140.6683

 33.2966, 37.4600,
20.3652


212.8879,
232.2606, 176.7846

 22.5141, 25.5639,
12.4741

257.8015,
280.6345, 218.6072

 14.3538, 16.4977,
6.9410

308.6255,
335.2979, 266.5547

 8.4505, 9.8770,
3.3473

365.7254,

 4.4388, 5.3175,

396.6352, 321.0456

1.2746

429.4665,
465.0308, 382.4984

■ 1.9532, 2.4347,
0.0408

■ 0.6075, 0.8437,
0.0000

■ 85.0314, 93.9721,
62.3720

■ 85.0314, 93.9721,
62.3720

■ 81.9981, 91.9821,
48.7928

■ 88.5611, 96.1736,
78.5246

■ 79.4288, 90.1810,
37.6473

■ 92.6038, 98.5835,
97.3687

■ 77.2981, 88.5617,
28.7915

95.0500, 100.0000,
108.9000

■ 75.5753, 87.1121,
22.0641

■ 74.2258, 85.8182,
17.2825

■ 73.2091, 84.6638,
14.2337

■ 72.4751, 83.6289,
12.6542

■ 72.2041, 83.1882,
12.2514

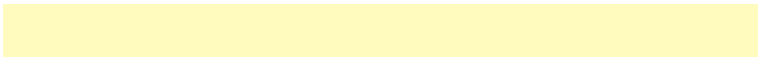
Harmonies

Analogous

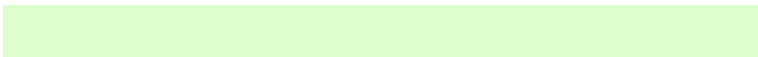
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7678, 93.9721, 62.3839



85.0314, 93.9721, 62.3720



77.9162, 93.9721, 71.7923

Triad

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



85.0314, 93.9721, 62.3720



77.9018, 93.9721, 140.4101



106.6256, 93.9721, 115.3777

Complementary

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



85.0314, 93.9721, 62.3720



58.5766, 56.7491, 102.4741

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.



101.7804, 93.9721, 140.4658



85.0314, 93.9721, 62.3720



85.0106, 93.9721, 156.4484

Square

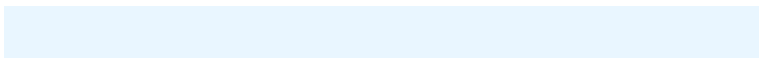
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



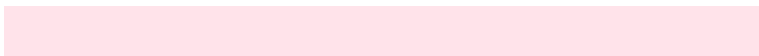
85.0314, 93.9721, 62.3720



73.9869, 93.9721, 115.3110



93.7456, 93.9721, 156.4703



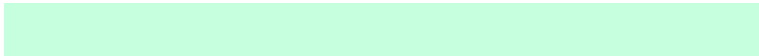
106.6321, 93.9721, 90.3426

Rectangle

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



85.0314, 93.9721, 62.3720



74.8846, 93.9721, 83.1992



93.7456, 93.9721, 156.4703



105.4955, 93.9721, 124.1657

Sweetspot

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



85.0338, 93.9763, 62.3740



91.5391, 97.9580, 92.3778



69.4293, 61.9980, 59.5442



19.4600, 20.8882, 19.1505



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

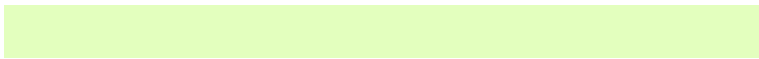
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0338, 93.9763, 62.3740



83.3017, 92.8529, 54.5803



76.6808, 91.5418, 62.3443



19.4600, 20.8882, 19.1505



37.7692, 43.5497, 6.4153



3.7053, 4.2959, 0.6339

Inverse Universe

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



58.5766, 56.7491, 102.4741



52.4278, 49.4135, 101.3823



65.4276, 58.9792, 102.5435



17.0926, 17.5568, 22.7379



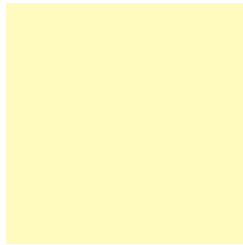
9.5600, 4.0295, 49.7085



0.9608, 0.4524, 4.8499

Previews

White Background



This preview shows how the XYZ color 85.0314, 93.9721, 62.3720 looks on a white background.

Color Contrast Check

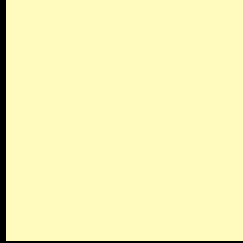
Large Text (above 18pt) WCAG AA × Fail

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 85.0314, 93.9721, 62.3720 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 85.0314, 93.9721, 62.3720

Background



This preview shows how black text looks on a background with the XYZ color 85.0314, 93.9721, 62.3720.



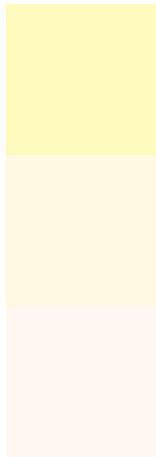
This preview shows how white text looks on a background with the XYZ color 85.0314, 93.9721,

62.3720.

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

85.0314, 93.9721, 62.3720

Protanopia

88.6725, 93.9409, 86.1319

Deuteranopia

90.3779, 94.1324, 96.6250

Tritanopia

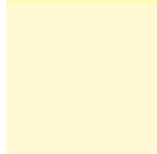
91.7818, 93.7206, 107.0184

Trichromacy



Original Color

85.0314, 93.9721, 62.3720



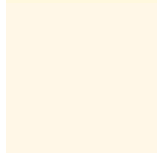
Protanomaly

87.2533, 93.8664, 77.1376



Deuteranomaly

87.9922, 93.6687, 82.5494



Tritanomaly

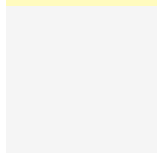
88.9246, 93.5511, 88.9716

Monochromacy



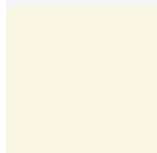
Original Color

85.0314, 93.9721, 62.3720



Achromatopsia

86.7900, 91.3099, 99.4364



Achromatomaly

85.9183, 92.0975, 84.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0314, 93.9721, 62.3720 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(255, 251, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 190)  
}
```

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(255, 251, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 190) }
```

Border

The CSS property to change the border of an element to XYZ 85.0314, 93.9721, 62.3720 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(255, 251, 190) }
```


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

```
.border{ border-color:rgb(255, 251, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0314, 93.9721, 62.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 190) }
```

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

```
.background{ background-color: rgb(255,  
251, 190) }
```

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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