

Converting Colors

XYZ(77.5287, 69.7870, 53.5356)

Have a look what the booklet for
XYZ(77.5287, 69.7870, 53.5356)
contains.

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Color

**XYZ(70.3378, 65.9460,
53.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B6
RGB	255, 200, 182
RGB Percent	100%, 78%, 71%
CMY	0.0000, 0.2157, 0.2863
CMYK	0.00, 0.22, 0.29, 0.00
HSL	15°, 100%, 86%
HSV	15°, 29%, 100%
XYZ	70.3378, 65.9460, 53.2776
YIQ	214.3930, 38.5580, 6.0620

Conversions

Conversions Part 2

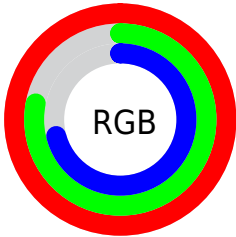
Format	Color
R _Y B	255, 206, 182
Decimal	16763062
CIE Lab	84.97, 17.05, 16.48
CIE LCh	85, 23.714, 44.036
Yxy	65.9460, 0.3711, 0.3479
Android (android.graphics.Color)	4294953142 (0xFFFFC8B6)
YUV	214.3930, -15.9697, 35.6123
Hunter-Lab	81.2071, 12.4958, 17.9466

Details

The XYZ color **70.3378, 65.9460, 53.2776** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6245, 77.7308, 106.0471**, and the grayscale version is **64.2688, 67.6158, 73.6336**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **37.2673, 34.0131, 25.3699** is the 20% darker color. If you saturate the color by 10%, you get **63.7657, 56.6422, 39.2478**, and if you desaturate by 10%, it is **77.9521, 76.5659, 70.0236**.

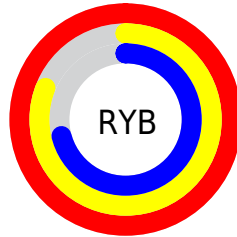
Distribution



Red (100%)

Green (78%)

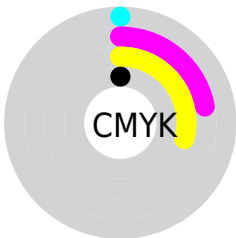
Blue (71%)



Red (100%)

Yellow (81%)

Blue (71%)

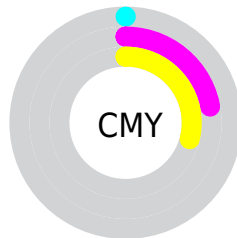


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3378, 65.9460, 53.2776 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 70.3378, 65.9460, 53.2776 by changing the saturation by 10% instead.


 70.3378, 65.9460,
53.2776

 70.3378, 65.9460,
53.2776


450.9831,
446.1837, 416.4457

 52.0826, 48.2286,
37.6352


 118.7140,
113.4088, 96.4584

 37.2954, 34.0079,
25.4000


149.5657,
143.9230, 124.8339

 25.6110, 22.8997,
16.1536


185.3469,
179.4716, 158.2908

 16.6640, 14.5195,
9.4774

226.4229,
220.4389, 197.2477

 10.0891, 8.4828,
4.9528

273.1592,
267.2094, 242.1231

 5.5208, 4.4054,
2.1613

325.9211,

 2.5938, 1.9028,

320.1674, 293.3355

0.6519

385.0740,
379.6974, 351.3035

■ 0.9428, 0.5501,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3378, 65.9460,
53.2776

■ 70.3378, 65.9460,
53.2776

■ 63.7657, 56.6422,
39.2478

■ 77.9521, 76.5659,
70.0236

■ 58.1843, 48.5936,
27.7861

■ 86.6473, 88.5415,
89.6154

■ 53.5446, 41.7481,
18.7362

95.0500, 100.0000,
108.9000

■ 49.7914, 36.0460,
11.9230

■ 46.8634, 31.4225,
7.1473

■ 44.6901, 27.8054,
4.1740

■ 43.1802, 25.1098,
2.6714

■ 43.0117, 24.8034,
2.5206

Harmonies

Analogous

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



73.1543, 65.9460, 64.9200



70.3378, 65.9460, 53.2776



65.5401, 65.9460, 47.1258

Triad

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



70.3378, 65.9460, 53.2776



53.3360, 65.9460, 64.0320



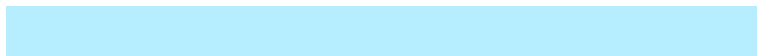
65.1976, 65.9460, 104.1990

Complementary

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



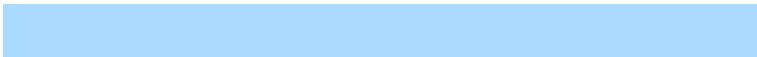
70.3378, 65.9460, 53.2776



67.6245, 77.7308, 106.0471

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.



59.9037, 65.9460, 103.8717



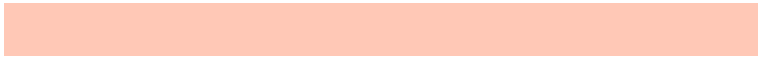
70.3378, 65.9460, 53.2776



53.2559, 65.9460, 79.1582

Square

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



70.3378, 65.9460, 53.2776



55.8241, 65.9460, 52.7073



55.5987, 65.9460, 94.1930



70.0748, 65.9460, 95.0324

Rectangle

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



70.3378, 65.9460, 53.2776



61.9614, 65.9460, 46.3306



55.5987, 65.9460, 94.1930



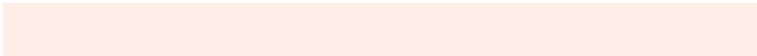
63.4035, 65.9460, 105.2320

Sweetspot

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



70.3394, 65.9490, 53.2789



86.3029, 88.0697, 88.8317



73.3960, 60.8876, 88.7476



18.1881, 18.4608, 18.3680



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.



70.3394, 65.9490, 53.2789



66.6810, 60.7887, 45.4114



79.5450, 84.3602, 56.3475



18.3732, 18.7147, 18.7882



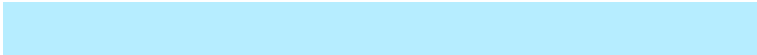
22.5722, 13.1556, 1.3496



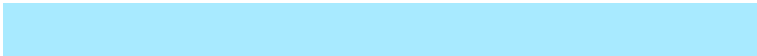
2.2794, 1.4441, 0.1586

Inverse Universe

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



67.6245, 77.7308, 106.0471



63.5759, 74.2048, 105.5799



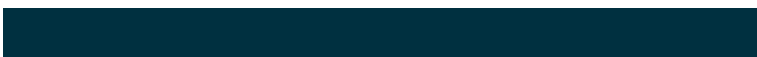
58.3376, 59.1570, 102.9515



18.1531, 19.6778, 23.0914



19.4167, 23.7429, 52.9941



1.9763, 2.4834, 5.1884

Previews

White Background



This preview shows how the XYZ color 70.3378, 65.9460, 53.2776 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 70.3378, 65.9460, 53.2776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

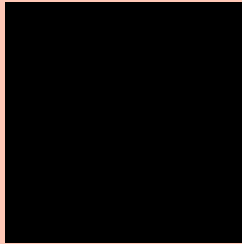
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3378, 65.9460, 53.2776

Background



This preview shows how black text looks on a background with the XYZ color 70.3378, 65.9460, 53.2776.



This preview shows how white text looks on a background with the XYZ color 70.3378, 65.9460,

53.2776.

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

70.3378, 65.9460, 53.2776

Protanopia

62.7448, 66.2474, 57.0570

Deuteranopia

67.2416, 65.7550, 52.8640



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

70.3378, 65.9460, 53.2776

Protanomaly

65.3505, 66.1493, 55.7781

Deuteranomaly

68.4078, 66.0045, 52.8507

Tritanomaly

71.8594, 65.8183, 63.5604

Monochromacy



Original Color

70.3378, 65.9460, 53.2776

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.7742, 66.5232, 65.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3378, 65.9460, 53.2776 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, 200, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 182)  
}
```

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, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 182) }
```

Border

The CSS property to change the border of an element to XYZ 70.3378, 65.9460, 53.2776 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, 200, 182) }
```


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

```
.border{ border-color:rgb(255, 200, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3378, 65.9460, 53.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 182) }
```

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

```
.background{ background-color: rgb(255,  
200, 182) }
```

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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