

Converting Colors

XYZ(59.2220, 60.2155, 52.7574)

Have a look what the booklet for
XYZ(59.2220, 60.2155, 52.7574)
contains.

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Color

**XYZ(59.2220, 60.2155,
52.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC8B6
RGB	222, 200, 182
RGB Percent	87%, 78%, 71%
CMY	0.1294, 0.2157, 0.2863
CMYK	0.00, 0.10, 0.18, 0.13
HSL	27°, 38%, 79%
HSV	27°, 18%, 87%
XYZ	59.2220, 60.2155, 52.7574
YIQ	204.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

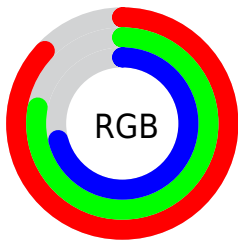
Format	Color
RYB	222, 215, 182
Decimal	14600374
CIELab	81.96, 4.84, 11.80
CIELCh	82, 12.754, 67.721
Yxy	60.2155, 0.3439, 0.3497
Android (android.graphics.Color)	4292790454 (0xFFDEC8B6)
YUV	204.5260, -11.1053, 15.3247
Hunter-Lab	77.5986, 0.4306, 14.0092

Details

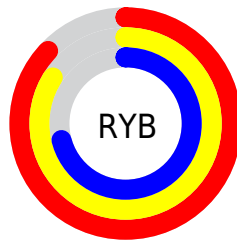
The XYZ color **59.2220, 60.2155, 52.7574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0689, 58.4036, 77.5311**, and the grayscale version is **57.7885, 60.7980, 66.2091**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **30.1777, 30.3582, 25.0381** is the 20% darker color. If you saturate the color by 10%, you get **54.3923, 53.9408, 40.7116**, and if you desaturate by 10%, it is **64.6445, 67.0926, 66.7967**.

Distribution



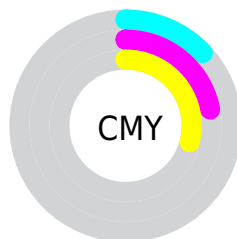
- Red (87%)
- Green (78%)
- Blue (71%)



- Red (87%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2220, 60.2155, 52.7574 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 59.2220, 60.2155, 52.7574 by changing the saturation by 10% instead.


 59.2220, 60.2155,
52.7574

 59.2220, 60.2155,
52.7574


411.6050,
425.3916, 414.3935

 43.0389, 43.5924,
37.2227


 102.8130,
105.1422, 95.6852

 30.1103, 30.3502,
25.0829


130.9517,
134.2146, 123.9155

 20.0708, 20.1045,
15.9192


163.8062,
168.2055, 157.2146

 12.5551, 12.4710,
9.3133

201.7421,
207.4993, 196.0013

 7.1978, 7.0653,
4.8465

245.1245,
252.4804, 240.6940

 3.6335, 3.5030,
2.1003

294.3189,

 1.4970, 1.3996,

303.5332, 291.7112

0.6160

349.6906,
361.0422, 349.4715

■ 0.3238, 0.2165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2220, 60.2155,
52.7574

■ 59.2220, 60.2155,
52.7574

■ 54.3923, 53.9408,
40.7116

■ 64.6445, 67.0926,
66.7967

■ 50.1281, 48.2432,
30.5636

■ 70.6761, 74.5806,
82.9113

■ 46.4072, 43.1070,
22.2156

■ 77.3381, 82.6980,
101.1834

■ 43.2038, 38.5129,
15.5594

■ 81.9996, 90.4001,
107.7349

■ 40.4896, 34.4402,
10.4750

■ 83.9345, 94.2697,
108.3798

■ 38.2329, 30.8662,
6.8265

■ 36.3973, 27.7663,
4.4539

■ 34.9337, 25.1097,
3.1318

■ 34.6742, 24.6293,
2.9264

Harmonies

Analogous

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



61.4345, 60.2155, 56.8899



59.2220, 60.2155, 52.7574



56.5391, 60.2155, 51.9190

Triad

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



59.2220, 60.2155, 52.7574



52.2457, 60.2155, 67.5803



60.4653, 60.2155, 78.0299

Complementary

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



59.2220, 60.2155, 52.7574



54.0689, 58.4036, 77.5311

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.



57.9326, 60.2155, 81.4129



59.2220, 60.2155, 52.7574



53.2276, 60.2155, 75.0787

Square

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



59.2220, 60.2155, 52.7574



52.5665, 60.2155, 60.0926



55.2891, 60.2155, 80.2926



62.1679, 60.2155, 71.3587

Rectangle

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



59.2220, 60.2155, 52.7574



54.8542, 60.2155, 53.2747



55.2891, 60.2155, 80.2926



59.6797, 60.2155, 79.6123

Sweetspot

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



59.2236, 60.2182, 52.7587



90.8686, 94.8137, 97.7130



57.7520, 53.3460, 64.3804



19.3275, 20.1417, 20.5907



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.



59.2236, 60.2182, 52.7587



78.2334, 78.7712, 65.0530



64.1616, 70.0941, 54.4046



14.2127, 14.7114, 14.3973



20.7033, 14.8445, 1.7741



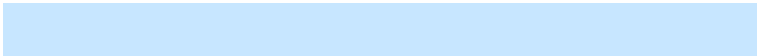
1.5235, 1.2059, 0.1525

Inverse Universe

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



54.0689, 58.4036, 77.5311



69.8038, 75.8026, 105.5601



49.6175, 49.5009, 76.0473



13.5737, 14.4865, 17.4685



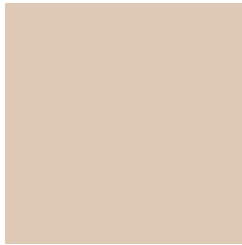
12.0836, 11.6367, 42.6576



0.9266, 0.9847, 2.9865

Previews

White Background



This preview shows how the XYZ color 59.2220, 60.2155, 52.7574 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 59.2220, 60.2155, 52.7574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

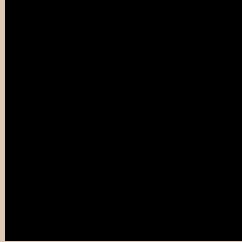
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2220, 60.2155, 52.7574

Background



This preview shows how black text looks on a background with the XYZ color 59.2220, 60.2155, 52.7574.



This preview shows how white text looks on a background with the XYZ color 59.2220, 60.2155,

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

59.2220, 60.2155, 52.7574

Protanopia

57.1590, 60.1696, 53.9487

Deuteranopia

61.4685, 60.3403, 53.2069



Tritanopia

62.8618, 60.3518, 69.9639

Trichromacy



Original Color

59.2220, 60.2155, 52.7574

Protanomaly

57.9867, 60.2589, 53.3746

Deuteranomaly

60.7362, 60.3010, 53.2379

Tritanomaly

61.4429, 60.1102, 63.0076

Monochromacy



Original Color

59.2220, 60.2155, 52.7574

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2979, 60.5920, 61.4461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2220, 60.2155, 52.7574 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(222, 200, 182) looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 200, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 182) }
```

Border

The CSS property to change the border of an element to XYZ 59.2220, 60.2155, 52.7574 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(222, 200, 182) }
```


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

```
.border{ border-color:rgb(222, 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(222, 200, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 200, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 200, 182); box-shadow:4px 4px 4px 4px rgb(222, 200, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2220, 60.2155, 52.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 182) }
```

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

```
.background{ background-color: rgb(222,  
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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