

Converting Colors

XYZ(56.3107, 55.6650, 53.3840)

Have a look what the booklet for
XYZ(56.3107, 55.6650, 53.3840)
contains.

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Color

**XYZ(56.1960, 55.6277,
53.1228)**

Conversions

Conversions Part 1

Format	Color
Hex	DABFB8
RGB	218, 191, 184
RGB Percent	85%, 75%, 72%
CMY	0.1451, 0.2510, 0.2784
CMYK	0.00, 0.12, 0.16, 0.15
HSL	12°, 31%, 79%
HSV	12°, 16%, 85%
XYZ	56.1960, 55.6277, 53.1228
YIQ	198.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

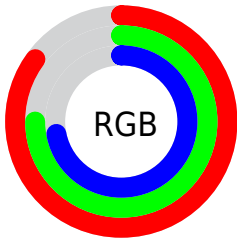
Format	Color
R _Y B	218, 193, 184
Decimal	14335928
CIE Lab	79.40, 8.44, 7.04
CIE LCh	79, 10.990, 39.816
Yxy	55.6277, 0.3407, 0.3372
Android (android.graphics.Color)	4292526008 (0xFFDABFB8)
YUV	198.2750, -7.0376, 17.2988
Hunter-Lab	74.5840, 3.9705, 9.9792

Details

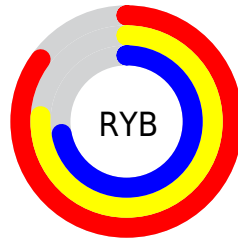
The XYZ color **56.1960, 55.6277, 53.1228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7161, 61.8396, 75.3300**, and the grayscale version is **53.8787, 56.6846, 61.7295**.

A 20% lighter version of the original color is **90.2289, 94.0728, 95.8404**, and **28.2895, 27.6022, 25.3095** is the 20% darker color. If you saturate the color by 10%, you get **50.5306, 47.6761, 40.8155**, and if you desaturate by 10%, it is **62.6628, 64.6174, 67.4359**.

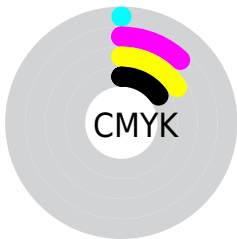
Distribution



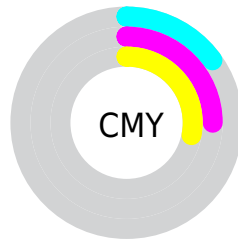
- Red (85%)
- Green (75%)
- Blue (72%)



- Red (85%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1960, 55.6277, 53.1228 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 56.1960, 55.6277, 53.1228 by changing the saturation by 10% instead.


 56.1960, 55.6277,
53.1228

 56.1960, 55.6277,
53.1228


400.4928,
408.2869, 415.8357

 40.5977, 39.9045,
37.5124


 98.4292, 98.4600,
96.2284

 28.1912, 27.4641,
25.3056


125.7949,
126.3379, 124.5607

 18.6110, 17.9221,
16.0838


157.8137,
159.0362, 157.9708

 11.4919, 10.8941,
9.4285

194.8511,
196.9393, 196.8771

 6.4684, 5.9956,
4.9211

237.2723,
240.4315, 241.6982

 3.1753, 2.8424,
2.1431

285.4428,

 1.2471, 1.0500,

289.8972, 292.8526

0.6412

339.7278,
345.7209, 350.7590

■ 0.1431, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1960, 55.6277,
53.1228

■ 56.1960, 55.6277,
53.1228

■ 50.5306, 47.6761,
40.8155

■ 62.6628, 64.6174,
67.4359

■ 45.6304, 40.7177,
30.4207

■ 69.9562, 74.6733,
83.8355

■ 41.4634, 34.7155,
21.8429

■ 78.1060, 85.8315,
102.4019

■ 37.9932, 29.6270,
14.9768

■ 82.7237, 93.6456,
108.3231

■ 35.1803, 25.4067,
9.7066

■ 32.9812, 22.0050,
5.9015

■ 31.3465, 19.3669,
3.4102

■ 30.2181, 17.4302,
2.0474

■ 29.8486, 16.7753,
1.6648

Harmonies

Analogous

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



57.1607, 55.6277, 58.5228



56.1960, 55.6277, 53.1228



54.3487, 55.6277, 49.8734

Triad

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



56.1960, 55.6277, 53.1228



48.9925, 55.6277, 56.4758



53.5985, 55.6277, 73.3373

Complementary

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



56.1960, 55.6277, 53.1228



55.7161, 61.8396, 75.3300

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.



51.4232, 55.6277, 72.6941



56.1960, 55.6277, 53.1228



48.8043, 55.6277, 62.6626

Square

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



56.1960, 55.6277, 53.1228



50.2041, 55.6277, 51.7139



49.6826, 55.6277, 68.6806



55.6337, 55.6277, 70.3815

Rectangle

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



56.1960, 55.6277, 53.1228



52.8861, 55.6277, 49.2213



49.6826, 55.6277, 68.6806



52.8588, 55.6277, 73.5394

Sweetspot

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



56.1975, 55.6302, 53.1240



89.9196, 92.9159, 97.3967



57.8376, 53.9004, 69.1157



19.0974, 19.6814, 20.5140



0.0000, 0.0000, 0.0000



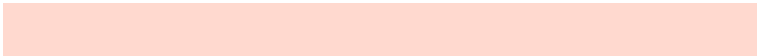
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1975, 55.6302, 53.1240



77.1395, 75.1270, 69.1787



60.0730, 63.3811, 54.4158



13.2723, 13.4839, 13.6287



17.9446, 10.1748, 1.0181



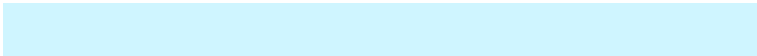
1.2248, 0.7838, 0.0867

Inverse Universe

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



55.7161, 61.8396, 75.3300



76.3149, 85.7373, 107.1345



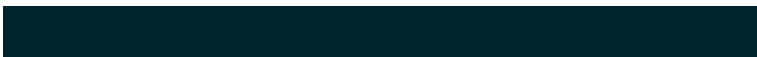
51.7591, 53.9258, 74.0110



13.2053, 14.3503, 16.7260



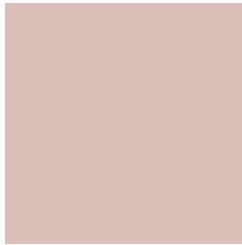
16.6243, 21.1180, 42.9384



1.1356, 1.4853, 2.8013

Previews

White Background



This preview shows how the XYZ color 56.1960, 55.6277, 53.1228 looks on a white background.

Color Contrast Check

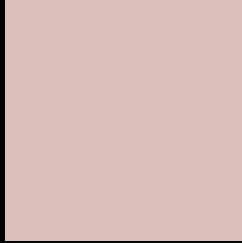
Large Text (above 18pt) WCAG AA × Fail

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 56.1960, 55.6277, 53.1228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

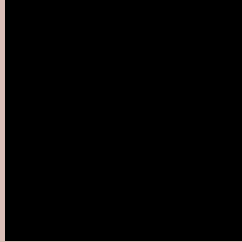
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1960, 55.6277, 53.1228

Background



This preview shows how black text looks on a background with the XYZ color 56.1960, 55.6277, 53.1228.



This preview shows how white text looks on a background with the XYZ color 56.1960, 55.6277,

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

56.1960, 55.6277, 53.1228

Protanopia

53.3382, 55.7642, 54.9661

Deuteranopia

56.8840, 55.6598, 53.0927



Tritanopia

58.2779, 55.4939, 64.1397

Trichromacy



Original Color

56.1960, 55.6277, 53.1228

Protanomaly

54.1671, 55.5386, 54.3195

Deuteranomaly

56.5804, 55.5032, 53.0785

Tritanomaly

57.3748, 55.4408, 59.9017

Monochromacy



Original Color

56.1960, 55.6277, 53.1228

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3176, 55.8596, 58.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1960, 55.6277, 53.1228 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(218, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 191, 184)  
}
```

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(218, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 191, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.1960, 55.6277, 53.1228 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(218, 191, 184) }
```


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

```
.border{ border-color:rgb(218, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 191,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1960, 55.6277, 53.1228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 191, 184) }
```

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

```
.background{ background-color: rgb(218,  
191, 184) }
```

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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