

Converting Colors

XYZ(53.6874, 59.5587, 23.4828)

Have a look what the booklet for
XYZ(53.6874, 59.5587, 23.4828)
contains.

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Color

**XYZ(53.6208, 59.3716,
23.3856)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCC6E
RGB	219, 204, 110
RGB Percent	86%, 80%, 43%
CMY	0.1412, 0.2000, 0.5686
CMYK	0.00, 0.07, 0.50, 0.14
HSL	52°, 60%, 65%
HSV	52°, 50%, 86%
XYZ	53.6208, 59.3716, 23.3856
YIQ	197.7690, 39.1140, -26.0540

Conversions

Conversions Part 2

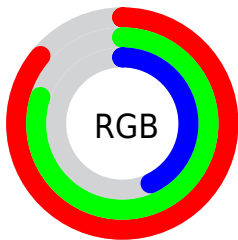
Format	Color
RYB	127, 219, 110
Decimal	14404718
CIELab	81.50, -7.09, 48.32
CIELCh	81, 48.840, 98.353
Yxy	59.3716, 0.3932, 0.4353
Android (android.graphics.Color)	4292594798 (0xFFDBCC6E)
YUV	197.7690, -43.2701, 18.6196
Hunter-Lab	77.0530, -10.6254, 35.9425

Details

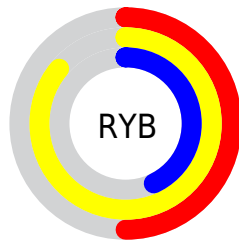
The XYZ color **53.6208, 59.3716, 23.3856** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.5501, 23.0961, 70.0764**, and the grayscale version is **53.7753, 56.5758, 61.6111**.

A 20% lighter version of the original color is **83.7008, 95.4603, 49.1361**, and **26.5961, 29.8098, 8.4898** is the 20% darker color. If you saturate the color by 10%, you get **51.8641, 57.5364, 17.6269**, and if you desaturate by 10%, it is **55.6889, 61.3579, 30.7030**.

Distribution



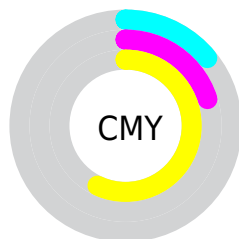
- Red (86%)
- Green (80%)
- Blue (43%)



- Red (50%)
- Yellow (86%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (50%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6208, 59.3716, 23.3856 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 53.6208, 59.3716, 23.3856 by changing the saturation by 10% instead.


 53.6208, 59.3716,
23.3856


 53.6208, 59.3716,
23.3856


390.8843,
422.2776, 282.8852

 38.5280, 42.9123,
14.6705


 94.6774, 103.9176,
49.9569


 26.5718, 29.8163,
8.4444


 121.3720,
132.7730, 68.6502

 17.3868, 19.6992,
4.2888


 152.6645,
166.5293, 91.5067

 10.6077, 12.1766,
1.7851

 188.9204,
205.5709, 118.9448

 5.8690, 6.8641,
0.4181

230.5049,
250.2821, 151.3832

 2.8055, 3.3772,
0.0000

277.7836,

 1.0518, 1.3317,

301.0474, 189.2404

0.0000

331.1216,
358.2511, 232.9349

0.0000, 0.1656,
0.0000

0.0000, 0.0000,
0.0000

53.6208, 59.3716,
23.3856

53.6208, 59.3716,
23.3856

51.8641, 57.5364,
17.6269

55.6889, 61.3579,
30.7030

50.3923, 55.8350,
13.3069


58.0839, 63.4951,
39.6802


49.1816, 54.2600,
10.2939


60.8257, 65.7934,
50.4137


48.2019, 52.7991,
8.4303


63.9309, 68.2596,
62.9920


 47.4014, 51.4316,
7.4434


 67.4154, 70.9001,
77.4972

 47.3837, 51.4008,
7.4239

 71.2938, 73.7210,
94.0067

 74.2141, 76.1815,
105.4007

 75.0362, 77.8257,
105.6748

 75.8728, 79.4989,
105.9536

Harmonies

Analogous

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



64.0047, 59.3716, 25.1421



53.6208, 59.3716, 23.3856



45.0817, 59.3716, 29.7604

Triad

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



53.6208, 59.3716, 23.3856



42.3649, 59.3716, 106.2922



76.7652, 59.3716, 87.7399

Complementary

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



53.6208, 59.3716, 23.3856



26.5501, 23.0961, 70.0764

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.



69.5410, 59.3716, 119.6680



53.6208, 59.3716, 23.3856



49.4795, 59.3716, 132.4375

Square

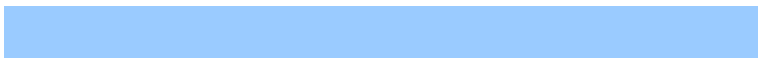
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6208, 59.3716, 23.3856



39.1169, 59.3716, 73.1813



59.3376, 59.3716, 137.9590



78.2218, 59.3716, 56.8008

Rectangle

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



53.6208, 59.3716, 23.3856



41.2840, 59.3716, 39.3582



59.3376, 59.3716, 137.9590



74.8922, 59.3716, 98.9476

Sweetspot

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



53.6222, 59.3744, 23.3868



87.8362, 94.4654, 79.0795



38.5783, 27.7280, 23.1768



18.6045, 20.0626, 16.1356



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.



53.6222, 59.3744, 23.3868



73.0476, 81.0380, 24.3622



47.1672, 61.5945, 24.1556



14.0015, 14.9424, 13.8718



28.1563, 30.5981, 4.4220



1.8671, 2.0683, 0.3008

Inverse Universe

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



26.5501, 23.0961, 70.0764



30.6183, 24.2224, 97.6694



30.6026, 22.5770, 69.7626



12.4824, 12.9046, 16.4851



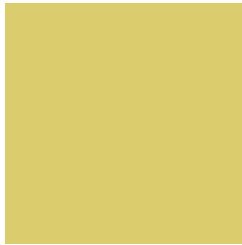
7.9052, 3.6799, 40.0320



0.5597, 0.3335, 2.6093

Previews

White Background



This preview shows how the XYZ color 53.6208, 59.3716, 23.3856 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 53.6208, 59.3716, 23.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

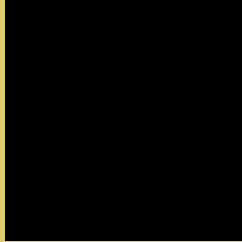
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6208, 59.3716, 23.3856

Background



This preview shows how black text looks on a background with the XYZ color 53.6208, 59.3716, 23.3856.



This preview shows how white text looks on a background with the XYZ color 53.6208, 59.3716,

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

53.6208, 59.3716, 23.3856

Protanopia

54.6018, 59.5256, 23.3636

Deuteranopia

60.4084, 59.1063, 23.8476



Tritanopia

62.7682, 59.3520, 67.8223

Trichromacy



Original Color

53.6208, 59.3716, 23.3856

Protanomaly

54.2946, 59.3673, 23.3492

Deuteranomaly

57.8159, 59.1069, 23.6908

Tritanomaly

58.4640, 58.9186, 47.3208

Monochromacy



Original Color

53.6208, 59.3716, 23.3856

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9908, 57.1835, 44.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6208, 59.3716, 23.3856 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(219, 204, 110)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 110)  
}
```

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(219, 204, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 110) }
```

Border

The CSS property to change the border of an element to XYZ 53.6208, 59.3716, 23.3856 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(219, 204, 110) }
```


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

```
.border{ border-color:rgb(219, 204, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 110);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6208, 59.3716, 23.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 110) }
```

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

```
.background{ background-color: rgb(219,  
204, 110) }
```

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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