

Converting Colors

XYZ(23.6062, 25.2715, 11.6240)

Have a look what the booklet for
XYZ(23.6062, 25.2715, 11.6240)
contains.

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Color

**XYZ(23.6055, 25.2728,
11.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	998952
RGB	153, 137, 82
RGB Percent	60%, 54%, 32%
CMY	0.4000, 0.4627, 0.6784
CMYK	0.00, 0.10, 0.46, 0.40
HSL	46°, 30%, 46%
HSV	46°, 46%, 60%
XYZ	23.6055, 25.2728, 11.6166
YIQ	135.5140, 27.1910, -13.7130

Conversions

Conversions Part 2

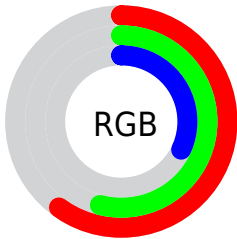
Format	Color
RYB	103, 153, 82
Decimal	10062162
CIELab	57.34, -1.83, 31.59
CIELCh	57, 31.645, 93.322
Yxy	25.2728, 0.3902, 0.4178
Android (android.graphics.Color)	4288252242 (0xFF998952)
YUV	135.5140, -26.3824, 15.3352
Hunter-Lab	50.2721, -4.1605, 21.4900

Details

The XYZ color **23.6055, 25.2728, 11.6166** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5970, 12.8286, 31.8965**, and the grayscale version is **23.3089, 24.5228, 26.7053**.

A 20% lighter version of the original color is **48.8728, 52.0482, 29.3002**, and **8.9671, 9.6471, 2.9796** is the 20% darker color. If you saturate the color by 10%, you get **22.6050, 24.1019, 8.7241**, and if you desaturate by 10%, it is **24.7527, 26.5293, 15.1991**.

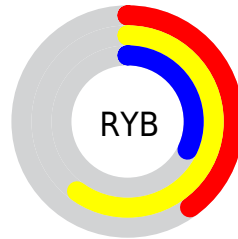
Distribution



Red (60%)

Green (54%)

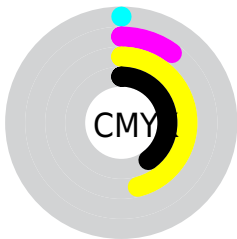
Blue (32%)



Red (40%)

Yellow (60%)

Blue (32%)

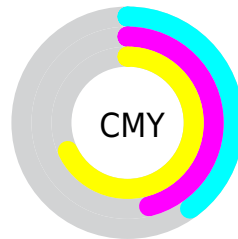


Cyan (0%)

Magenta (10%)

Yellow (46%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6055, 25.2728, 11.6166 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 23.6055, 25.2728, 11.6166 by changing the saturation by 10% instead.

■ 23.6055, 25.2728,
11.6166

■ 23.6055, 25.2728,
11.6166

263.2976,
279.1938, 212.7373

■ 15.1644, 16.2804,
6.3638

■ 48.8450, 52.0994,
29.4487

■ 9.0219, 9.7228,
2.9952

■ 66.3742, 70.7025,
42.8652

■ 4.8127, 5.2156,
1.0922

■ 87.6634, 93.2779,
59.8400

■ 2.1714, 2.3743,
0.0000

■ 113.0780,
120.2100, 80.7916

■ 0.7276, 0.8126,
0.0000

■ 142.9833,
151.8833, 106.1386

■ 0.0000, 0.0000,
0.0000

177.7448,

188.6821, 136.2995

217.7278,
230.9908, 171.6929

■ 23.6055, 25.2728,
11.6166

■ 23.6055, 25.2728,
11.6166

■ 22.6050, 24.1019,
8.7241

■ 24.7527, 26.5293,
15.1991

■ 21.7405, 23.0094,
6.4740

■ 26.0529, 27.8713,
19.5119

■ 21.0027, 21.9921,
4.8151

■ 27.5141, 29.3032,
24.5940

■ 20.3801, 21.0452,
3.6878

■ 29.1432, 30.8280,
30.4810

■ 19.8557, 20.1617,
3.0031

■ 30.9468, 32.4485,
37.2066

■ 19.6778, 19.8542,
2.7951

■ 32.9309, 34.1674,
44.8022

■ 35.1013, 35.9872,
53.2980

■ 37.4637, 37.9104,
62.7223

■ 40.0233, 39.9392,
73.1025

Harmonies

Analogous

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



27.4076, 25.2728, 12.8779



23.6055, 25.2728, 11.6166



20.2722, 25.2728, 13.6129

Triad

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



23.6055, 25.2728, 11.6166



18.4834, 25.2728, 40.4986



31.0606, 25.2728, 37.8749

Complementary

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



23.6055, 25.2728, 11.6166



13.5970, 12.8286, 31.8965

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.



28.2057, 25.2728, 48.6427



23.6055, 25.2728, 11.6166



20.9256, 25.2728, 50.4137

Square

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



23.6055, 25.2728, 11.6166



17.5151, 25.2728, 28.7322



24.4414, 25.2728, 53.7247



31.9663, 25.2728, 26.3381

Rectangle

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



23.6055, 25.2728, 11.6166



18.6876, 25.2728, 16.9301



24.4414, 25.2728, 53.7247



30.2834, 25.2728, 41.7949

Sweetspot

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



23.6061, 25.2740, 11.6171



49.8700, 53.0457, 46.1655



18.3858, 13.6997, 13.3716



10.8888, 11.5960, 9.7558



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.6061, 25.2740, 11.6171



40.3666, 43.0220, 15.3043



22.7564, 28.4655, 12.2779



6.5908, 6.9868, 6.6070



16.2890, 16.4604, 2.3186



0.2695, 0.2981, 0.0433

Inverse Universe

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



13.5970, 12.8286, 31.8965



20.1378, 17.8936, 56.3644



14.1266, 11.0976, 31.5344



5.9918, 6.2409, 7.8178



5.2578, 2.9123, 25.1927



0.1022, 0.0908, 0.3845

Previews

White Background



This preview shows how the XYZ color 23.6055, 25.2728, 11.6166 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6055, 25.2728, 11.6166 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 × Fail

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

XYZ 23.6055, 25.2728, 11.6166

Background



This preview shows how black text looks on a background with the XYZ color 23.6055, 25.2728, 11.6166.



This preview shows how white text looks on a background with the XYZ color 23.6055, 25.2728,

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

23.6055, 25.2728, 11.6166

Protanopia

23.3740, 25.3655, 11.6467

Deuteranopia

25.7489, 25.3426, 11.7181



Tritanopia

27.0143, 25.2296, 28.2569

Trichromacy



Original Color

23.6055, 25.2728, 11.6166

Protanomaly

23.5604, 25.4616, 11.6555

Deuteranomaly

24.9867, 25.3561, 11.7609

Tritanomaly

25.6219, 25.2751, 20.9809

Monochromacy



Original Color

23.6055, 25.2728, 11.6166

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1119, 24.6201, 20.0570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6055, 25.2728, 11.6166 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(153, 137, 82)` looks like.

```
.text, #text, p{  
    color:rgb(153, 137, 82)  
}
```

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(153, 137, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 137, 82) }
```

Border

The CSS property to change the border of an element to XYZ 23.6055, 25.2728, 11.6166 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(153, 137, 82) }
```


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

```
.border{ border-color:rgb(153, 137, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 137, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 137, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 137, 82);  
box-shadow:4px 4px 4px 4px rgb(153, 137,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6055, 25.2728, 11.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 137, 82) }
```

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

```
.background{ background-color: rgb(153,  
137, 82) }
```

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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