

Converting Colors

XYZ(25.5667, 25.6066, 23.3337)

Have a look what the booklet for
XYZ(25.5667, 25.6066, 23.3337)
contains.

XYZ(25.5667, 25.6066, 23.3337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5667, 25.6066,
23.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	99877E
RGB	153, 135, 126
RGB Percent	60%, 53%, 49%
CMY	0.4000, 0.4706, 0.5059
CMYK	0.00, 0.12, 0.18, 0.40
HSL	20°, 12%, 55%
HSV	20°, 18%, 60%
XYZ	25.5667, 25.6066, 23.3337
YIQ	139.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

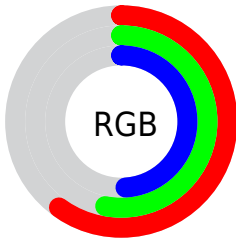
Format	Color
RYB	153, 140, 126
Decimal	10061694
CIELab	57.66, 5.25, 7.32
CIELCh	58, 9.009, 54.324
Yxy	25.6066, 0.3431, 0.3437
Android (android.graphics.Color)	4288251774 (0xFF99877E)
YUV	139.3560, -6.5845, 11.9658
Hunter-Lab	50.6030, 1.6304, 8.0827

Details

The XYZ color **25.5667, 25.6066, 23.3337** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3270, 26.6813, 34.0049**, and the grayscale version is **24.6993, 25.9856, 28.2983**.

A 20% lighter version of the original color is **52.1323, 52.6310, 50.0590**, and **10.0675, 9.8576, 8.3933** is the 20% darker color. If you saturate the color by 10%, you get **23.2988, 22.5315, 18.0738**, and if you desaturate by 10%, it is **28.1234, 29.0170, 29.4355**.

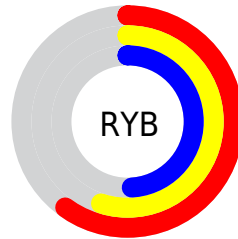
Distribution



Red (60%)

Green (53%)

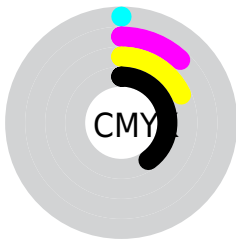
Blue (49%)



Red (60%)

Yellow (55%)

Blue (49%)

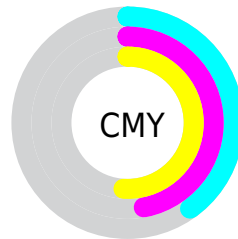


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5667, 25.6066, 23.3337 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 25.5667, 25.6066, 23.3337 by changing the saturation by 10% instead.

■ 25.5667, 25.6066,
23.3337

■ 25.5667, 25.6066,
23.3337

272.9444,
280.8455, 282.6116

■ 16.6307, 16.5296,
14.6325

■ 52.0114, 52.6396,
49.8708

■ 10.0652, 9.8997,
8.4181

■ 70.2508, 71.3644,
68.5438

■ 5.5048, 5.3325,
4.2721

■ 92.3222, 94.0738,
91.3778

■ 2.5842, 2.4436,
1.7757

118.5907,
121.1524, 118.7913

■ 0.9379, 0.8482,
0.4119

149.4219,
152.9845, 151.2029

■ 0.0000, 0.0000,
0.0000

185.1810,

189.9544, 189.0311

226.2333,
232.4466, 232.6945

■ 25.5667, 25.6066,
23.3337

■ 25.5667, 25.6066,
23.3337

■ 23.2988, 22.5315,
18.0738

■ 28.1234, 29.0170,
29.4355

■ 21.3068, 19.7780,
13.6168

■ 30.9768, 32.7692,
36.4124

■ 19.5802, 17.3362,
9.9232

■ 34.1372, 36.8738,
44.2981

■ 18.1068, 15.1947,
6.9494

■ 37.6136, 41.3399,
53.1236

■ 16.8732, 13.3410,
4.6472

■ 41.4149, 46.1761,
62.9188

■ 15.8650, 11.7618,
2.9627

■ 45.5494, 51.3910,
73.7121

■ 15.0654, 10.4427,
1.8333

■ 50.0250, 56.9927,
85.5307

■ 14.4489, 9.3647,
1.1494

■ 54.8498, 62.9890,
98.4008

■ 14.3215, 9.1416,
1.0097

■ 58.5980, 68.8146,
104.8018

Harmonies

Analogous

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



26.2754, 25.6066, 25.5080



25.5667, 25.6066, 23.3337



24.5438, 25.6066, 22.3838

Triad

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



25.5667, 25.6066, 23.3337



22.3343, 25.6066, 27.2985



25.2017, 25.6066, 33.6451

Complementary

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



25.5667, 25.6066, 23.3337



24.3270, 26.6813, 34.0049

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.



24.1340, 25.6066, 34.2123



25.5667, 25.6066, 23.3337



22.4988, 25.6066, 30.3973

Square

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



25.5667, 25.6066, 23.3337



22.6938, 25.6066, 24.5620



23.1499, 25.6066, 32.9843



26.0604, 25.6066, 31.4868

Rectangle

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



25.5667, 25.6066, 23.3337



23.8293, 25.6066, 22.5183



23.1499, 25.6066, 32.9843



24.8545, 25.6066, 34.0345

Sweetspot

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



25.5674, 25.6077, 23.3342



51.6163, 53.6191, 55.7476



25.6320, 23.7079, 29.6109



11.3271, 11.7468, 12.1388



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.



25.5674, 25.6077, 23.3342



44.1977, 43.7153, 38.0654



27.5714, 29.6158, 24.0023



6.3687, 6.5425, 6.5330



11.8646, 7.6116, 0.8439



0.2085, 0.1760, 0.0230

Inverse Universe

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



24.3270, 26.6813, 34.0049



41.5705, 45.9864, 60.6572



22.4035, 22.8345, 33.3638



6.2110, 6.6793, 7.8908



8.7090, 9.8147, 26.3431



0.1633, 0.2129, 0.4049

Previews

White Background



This preview shows how the XYZ color 25.5667, 25.6066, 23.3337 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 25.5667, 25.6066, 23.3337 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 25.5667, 25.6066, 23.3337

Background



This preview shows how black text looks on a background with the XYZ color 25.5667, 25.6066, 23.3337.



This preview shows how white text looks on a background with the XYZ color 25.5667, 25.6066,

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

25.5667, 25.6066, 23.3337

Protanopia

24.4864, 25.6648, 24.0853

Deuteranopia

26.1956, 25.7247, 23.3234



Tritanopia

26.7268, 25.4543, 29.4911

Trichromacy



Original Color

25.5667, 25.6066, 23.3337

Protanomaly

24.8090, 25.6267, 23.7175

Deuteranomaly

26.0013, 25.6245, 23.3143

Tritanomaly

26.2293, 25.4512, 27.1971

Monochromacy



Original Color

25.5667, 25.6066, 23.3337

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.8932, 25.8275, 26.2274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5667, 25.6066, 23.3337 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, 135, 126)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 126)  
}
```

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, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.5667, 25.6066, 23.3337 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, 135, 126) }
```


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

```
.border{ border-color:rgb(153, 135, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5667, 25.6066, 23.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 126) }
```

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

```
.background{ background-color: rgb(153,  
135, 126) }
```

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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