

Converting Colors

XYZ(25.0079, 30.6296, 23.3329)

Have a look what the booklet for
XYZ(25.0079, 30.6296, 23.3329)
contains.

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Color

**XYZ(25.0079, 30.6296,
23.3329)**

Conversions

Conversions Part 1

Format	Color
Hex	829E7B
RGB	130, 158, 123
RGB Percent	51%, 62%, 48%
CMY	0.4902, 0.3804, 0.5176
CMYK	0.18, 0.00, 0.22, 0.38
HSL	108°, 15%, 55%
HSV	108°, 22%, 62%
XYZ	25.0079, 30.6296, 23.3329
YIQ	145.6380, -5.4530, -16.8210

Conversions

Conversions Part 2

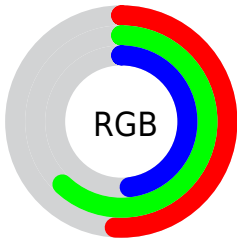
Format	Color
RYB	123, 158, 151
Decimal	8560251
CIELab	62.19, -16.65, 15.13
CIELCh	62, 22.499, 137.730
Yxy	30.6296, 0.3167, 0.3879
Android (android.graphics.Color)	4286750331 (0xFF829E7B)
YUV	145.6380, -11.1605, -13.7145
Hunter-Lab	55.3440, -16.1945, 13.7443

Details

The XYZ color **25.0079, 30.6296, 23.3329** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.0183, 23.2147, 35.4590**, and the grayscale version is **27.2199, 28.6375, 31.1862**.

A 20% lighter version of the original color is **51.1592, 60.7904, 50.1116**, and **9.8020, 12.7153, 8.4162** is the 20% darker color. If you saturate the color by 10%, you get **22.2765, 29.3276, 18.4521**, and if you desaturate by 10%, it is **28.1389, 32.1209, 29.0671**.

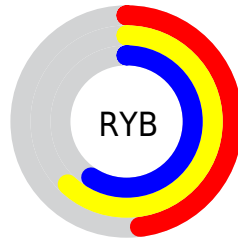
Distribution



Red (51%)

Green (62%)

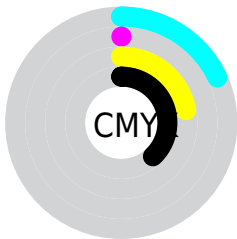
Blue (48%)



Red (48%)

Yellow (62%)

Blue (59%)

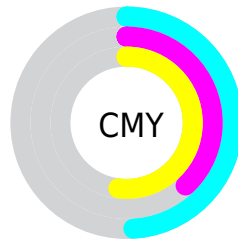


Cyan (18%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (49%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0079, 30.6296, 23.3329 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 25.0079, 30.6296, 23.3329 by changing the saturation by 10% instead.

■ 25.0079, 30.6296,
23.3329

■ 25.0079, 30.6296,
23.3329

270.2242,
304.8282, 282.6074

■ 16.2117, 20.3170,
14.6319

■ 51.1128, 60.6564,
49.8695

■ 9.7659, 12.6257,
8.4177

■ 69.1523, 81.1394,
68.5421

■ 5.3051, 7.1713,
4.2718

■ 91.0035, 105.7813,
91.3758

■ 2.4639, 3.5694,
1.7756

117.0319,
134.9665, 118.7889

■ 0.8771, 1.4358,
0.4118

147.6029,
169.0794, 151.2001

■ 0.0000, 0.2429,
0.0000

183.0816,

■ 0.0000, 0.0000,

208.5044, 189.0279

0.0000

223.8336,
253.6259, 232.6908

■ 25.0079, 30.6296,
23.3329

■ 25.0079, 30.6296,
23.3329

■ 22.2765, 29.3276,
18.4521

■ 28.1389, 32.1209,
29.0671

■ 19.9259, 28.2035,
14.3820

■ 31.6823, 33.8047,
35.6905

■ 17.9396, 27.2505,
11.0792

■ 35.6534, 35.6889,
43.2396

■ 16.2987, 26.4602,
8.4956

■ 40.0659, 37.7799,
51.7480

■ 14.9829, 25.8229,
6.5775

■ 44.9331, 40.0837,
61.2477

■ 13.9692, 25.3283,
5.2637

■ 50.2674, 42.6063,
71.7694

■ 13.2314, 24.9646,
4.4820

■ 56.0810, 45.3532,
83.3421

■ 12.8106, 24.7556,
4.1031

■ 62.3856, 48.3299,
95.9939

■ 67.5053, 50.8666,
100.8681

Harmonies

Analogous

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



27.3729, 30.6296, 19.8404



25.0079, 30.6296, 23.3329



23.7790, 30.6296, 29.9262

Triad

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



25.0079, 30.6296, 23.3329



27.8909, 30.6296, 52.4715



35.0264, 30.6296, 28.5197

Complementary

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



25.0079, 30.6296, 23.3329



26.0183, 23.2147, 35.4590

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.



35.1892, 30.6296, 37.0264



25.0079, 30.6296, 23.3329



30.9243, 30.6296, 51.9167

Square

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



25.0079, 30.6296, 23.3329



25.3644, 30.6296, 47.2947



33.6434, 30.6296, 45.8894



33.2128, 30.6296, 22.4578

Rectangle

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



25.0079, 30.6296, 23.3329



23.7090, 30.6296, 35.6469



33.6434, 30.6296, 45.8894



35.2803, 30.6296, 31.1547

Sweetspot

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



25.0087, 30.6309, 23.3336



54.2297, 59.8175, 58.6101



28.7436, 30.8338, 23.1759



12.1475, 13.4485, 13.0669



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.0087, 30.6309, 23.3336



42.6589, 54.3096, 37.4196



24.6645, 30.3734, 26.9353



6.6685, 7.4618, 7.0745



10.2867, 19.8397, 3.2873



0.2134, 0.3699, 0.0602

Inverse Universe

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



26.0183, 23.2147, 35.4590



44.8477, 38.2012, 63.7533



26.4904, 23.5581, 30.9621



6.7741, 6.6876, 8.3405



11.9141, 5.5710, 26.3546



0.2434, 0.1153, 0.4726

Previews

White Background



This preview shows how the XYZ color 25.0079, 30.6296, 23.3329 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 25.0079, 30.6296, 23.3329 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 25.0079, 30.6296, 23.3329

Background



This preview shows how black text looks on a background with the XYZ color 25.0079, 30.6296, 23.3329.



This preview shows how white text looks on a background with the XYZ color 25.0079, 30.6296,

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

25.0079, 30.6296, 23.3329

Protanopia

28.5342, 30.5155, 21.8389

Deuteranopia

30.9727, 30.3371, 23.9619



Tritanopia

28.3363, 30.4915, 39.9893

Trichromacy



Original Color

25.0079, 30.6296, 23.3329

Protanomaly

26.9941, 30.4344, 22.2210

Deuteranomaly

28.3537, 30.1437, 23.7259

Tritanomaly

26.8921, 30.3815, 33.3010

Monochromacy



Original Color

25.0079, 30.6296, 23.3329

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.3090, 29.2231, 28.2987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0079, 30.6296, 23.3329 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(130, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(130, 158, 123)  
}
```

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(130, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 158, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.0079, 30.6296, 23.3329 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(130, 158, 123) }
```


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

```
.border{ border-color:rgb(130, 158, 123) }
```

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

Here you see how a box with a 4 pixel rgb(130, 158, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(130, 158,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0079, 30.6296, 23.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 158, 123) }
```

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

```
.background{ background-color: rgb(130,  
158, 123) }
```

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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