

Converting Colors

XYZ(23.7242, 31.1163, 23.9564)

Have a look what the booklet for
XYZ(23.7242, 31.1163, 23.9564)
contains.

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Color

**XYZ(23.6287, 30.9407,
23.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	73A27C
RGB	115, 162, 124
RGB Percent	45%, 64%, 49%
CMY	0.5490, 0.3647, 0.5137
CMYK	0.29, 0.00, 0.23, 0.36
HSL	131°, 20%, 54%
HSV	131°, 29%, 64%
XYZ	23.6287, 30.9407, 23.7956
YIQ	143.6150, -15.8140, -21.7820

Conversions

Conversions Part 2

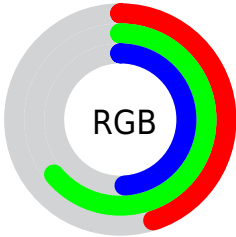
Format	Color
RYB	115, 154, 162
Decimal	7578236
CIELab	62.46, -23.79, 14.80
CIElCh	62, 28.017, 148.107
Yxy	30.9407, 0.3015, 0.3948
Android (android.graphics.Color)	4285768316 (0xFF73A27C)
YUV	143.6150, -9.6702, -25.0954
Hunter-Lab	55.6244, -21.5175, 13.5733

Details

The XYZ color **23.6287, 30.9407, 23.7956** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.7819, 22.2436, 33.0203**, and the grayscale version is **26.3973, 27.7720, 30.2438**.

A 20% lighter version of the original color is **48.8971, 61.1249, 50.8161**, and **9.0259, 12.7837, 8.6484** is the 20% darker color. If you saturate the color by 10%, you get **20.9087, 29.6288, 19.6279**, and if you desaturate by 10%, it is **26.8348, 32.4922, 28.5617**.

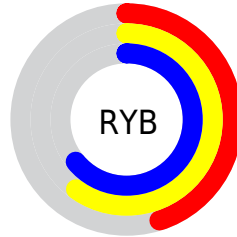
Distribution



Red (45%)

Green (64%)

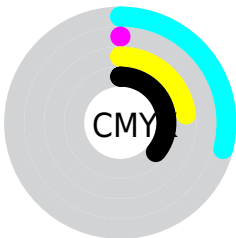
Blue (49%)



Red (45%)

Yellow (60%)

Blue (64%)

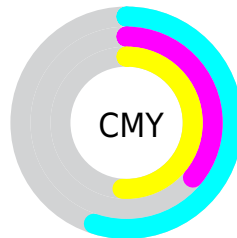


Cyan (29%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6287, 30.9407, 23.7956 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 23.6287, 30.9407, 23.7956 by changing the saturation by 10% instead.

■ 23.6287, 30.9407,
23.7956

■ 23.6287, 30.9407,
23.7956

263.4133,
306.2650, 285.0387

■ 15.1817, 20.5537,
14.9713

■ 48.8827, 61.1467,
50.6361

■ 9.0341, 12.7982,
8.6528

■ 66.4204, 81.7345,
69.4893

■ 4.8207, 7.2897,
4.4217

■ 87.7190, 106.4913,
92.5226

■ 2.1761, 3.6439,
1.8594

113.1439,
135.8016, 120.1545

■ 0.7301, 1.4764,
0.4667

143.0604,
170.0497, 152.8035

■ 0.0000, 0.2721,
0.0000

177.8339,

■ 0.0000, 0.0000,

209.6201, 190.8882

0.0000

217.8298,
254.8970, 234.8270

■ 23.6287, 30.9407,
23.7956

■ 23.6287, 30.9407,
23.7956

■ 20.9087, 29.6288,
19.6279

■ 26.8348, 32.4922,
28.5617

■ 18.6485, 28.5408,
16.0331

■ 30.5468, 34.2905,
33.9466

■ 16.8228, 27.6652,
12.9866

■ 34.7863, 36.3470,
39.9720

■ 15.4031, 26.9878,
10.4615

■ 39.5730, 38.6717,
46.6580

■ 14.3573, 26.4926,
8.4282

■ 44.9256, 41.2735,
54.0238

■ 13.6482, 26.1611,
6.8547

■ 50.8618, 44.1614,
62.0881

■ 13.2059, 25.9581,
5.7034

■ 57.3986, 47.3437,
70.8684

■ 13.1685, 25.9408,
5.6108

■ 64.5523, 50.8284,
80.3820

■ 70.1708, 53.5057,
90.5438

Harmonies

Analogous

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



26.0973, 30.9407, 18.3927



23.6287, 30.9407, 23.7956



22.6912, 30.9407, 33.0024

Triad

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



23.6287, 30.9407, 23.7956



29.1674, 30.9407, 59.2406



36.3381, 30.9407, 24.7582

Complementary

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



23.6287, 30.9407, 23.7956



26.7819, 22.2436, 33.0203

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.



37.3350, 30.9407, 34.3854



23.6287, 30.9407, 23.7956



32.9879, 30.9407, 55.7323

Square

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



23.6287, 30.9407, 23.7956



25.7131, 30.9407, 54.7707



36.0608, 30.9407, 46.0032



33.4414, 30.9407, 18.8584

Rectangle

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



23.6287, 30.9407, 23.7956



22.9937, 30.9407, 40.6228



36.0608, 30.9407, 46.0032



36.9169, 30.9407, 27.5931

Sweetspot

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



23.6295, 30.9420, 23.7963



55.3391, 62.1942, 61.4612



29.2254, 33.8896, 21.2212



12.2052, 13.8601, 13.4823



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.6295, 30.9420, 23.7963



39.5143, 54.5381, 38.0458



25.2672, 31.5971, 32.4200



7.0384, 7.9162, 7.8141



10.3866, 20.4410, 4.4862



0.2326, 0.4353, 0.1699

Inverse Universe

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



26.7819, 22.2436, 33.0203



46.2093, 36.0522, 57.6267



25.0534, 21.5522, 23.9183



7.3059, 7.1788, 8.5973



14.9803, 7.3482, 17.6186



0.3289, 0.1600, 0.4446

Previews

White Background



This preview shows how the XYZ color 23.6287, 30.9407, 23.7956 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 23.6287, 30.9407, 23.7956 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 23.6287, 30.9407, 23.7956

Background



This preview shows how black text looks on a background with the XYZ color 23.6287, 30.9407, 23.7956.



This preview shows how white text looks on a background with the XYZ color 23.6287, 30.9407,

23.7956.

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

23.6287, 30.9407, 23.7956

Protanopia

28.6736, 30.5943, 21.5336

Deuteranopia

31.2553, 30.6935, 24.6992



Tritanopia

27.2183, 30.8525, 42.0567

Trichromacy



Original Color

23.6287, 30.9407, 23.7956

Protanomaly

26.4474, 30.3966, 22.2425

Deuteranomaly

27.8463, 30.3409, 24.4674

Tritanomaly

25.7224, 30.7467, 34.7160

Monochromacy



Original Color

23.6287, 30.9407, 23.7956

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2548, 28.9259, 27.9191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6287, 30.9407, 23.7956 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(115, 162, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 162, 124)  
}
```

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(115, 162, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 162, 124) }
```

Border

The CSS property to change the border of an element to XYZ 23.6287, 30.9407, 23.7956 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(115, 162, 124) }
```


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

```
.border{ border-color:rgb(115, 162, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 162, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 162, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 162, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 162,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6287, 30.9407, 23.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 162, 124) }
```

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

```
.background{ background-color: rgb(115,  
162, 124) }
```

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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