

Converting Colors

XYZ(23.8582, 30.6218, 15.5708)

Have a look what the booklet for
XYZ(23.8582, 30.6218, 15.5708)
contains.

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Color

**XYZ(23.8423, 30.7137,
15.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	82A05F
RGB	130, 160, 95
RGB Percent	51%, 63%, 37%
CMY	0.4902, 0.3725, 0.6274
CMYK	0.19, 0.00, 0.41, 0.37
HSL	88°, 25%, 50%
HSV	88°, 41%, 63%
XYZ	23.8423, 30.7137, 15.4982
YIQ	143.6200, 2.9850, -26.5750

Conversions

Conversions Part 2

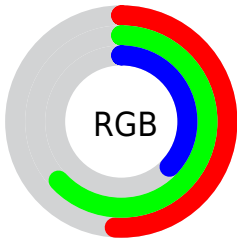
Format	Color
RYB	95, 160, 125
Decimal	8560735
CIELab	62.27, -22.01, 30.52
CIELCh	62, 37.627, 125.807
Yxy	30.7137, 0.3403, 0.4384
Android (android.graphics.Color)	4286750815 (0xFF82A05F)
YUV	143.6200, -23.9697, -11.9447
Hunter-Lab	55.4199, -20.1921, 22.2135

Details

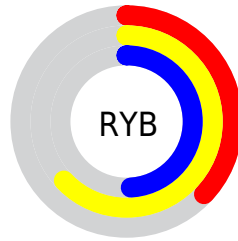
The XYZ color **23.8423, 30.7137, 15.4982** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.8961, 15.0834, 35.1749**, and the grayscale version is **26.4496, 27.8270, 30.3036**.

A 20% lighter version of the original color is **49.2559, 60.8665, 36.3465**, and **9.1001, 12.5926, 4.6403** is the 20% darker color. If you saturate the color by 10%, you get **22.0962, 29.8901, 12.0022**, and if you desaturate by 10%, it is **25.8207, 31.6417, 19.7862**.

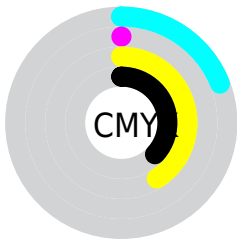
Distribution



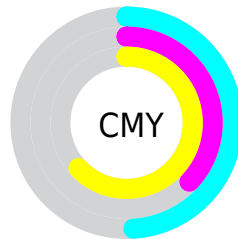
- Red (51%)
- Green (63%)
- Blue (37%)



- Red (37%)
- Yellow (63%)
- Blue (49%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8423, 30.7137, 15.4982 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 23.8423, 30.7137, 15.4982 by changing the saturation by 10% instead.

■ 23.8423, 30.7137,
15.4982

■ 23.8423, 30.7137,
15.4982

264.4775,
305.2172, 238.1060

■ 15.3408, 20.3809,
9.0193

■ 49.2293, 60.7890,
36.4794

■ 9.1468, 12.6723,
4.6568

■ 66.8455, 81.3004,
51.8188

■ 4.8949, 7.2032,
1.9921

■ 88.2306, 105.9734,
70.9487

■ 2.2199, 3.5895,
0.5504

■ 113.7500,
135.1925, 94.2878

■ 0.7532, 1.4467,
0.0000

143.7690,
169.3420, 122.2545

■ 0.0000, 0.2508,
0.0000

178.6530,

■ 0.0000, 0.0000,

208.8064, 155.2674

0.0000

218.7674,
253.9699, 193.7451

■ 23.8423, 30.7137,
15.4982

■ 23.8423, 30.7137,
15.4982

■ 22.0962, 29.8901,
12.0022

■ 25.8207, 31.6417,
19.7862

■ 20.5691, 29.1622,
9.2476

■ 28.0392, 32.6743,
24.9085

■ 19.2499, 28.5265,
7.1810


■ 30.5079, 33.8167,
30.9072


■ 18.1252, 27.9774,
5.7412


■ 33.2356, 35.0727,
37.8205


■ 17.1793, 27.5084,
4.8561


■ 36.2308, 36.4458,
45.6846

 16.4230, 27.1285,
4.3707

 39.5013, 37.9394,
54.5337

 43.0548, 39.5566,
64.4004

 46.8985, 41.3005,
75.3155

 51.0395, 43.1741,
87.3089

Harmonies

Analogous

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



28.2152, 30.7137, 12.6172



23.8423, 30.7137, 15.4982



21.1580, 30.7137, 23.2377

Triad

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



23.8423, 30.7137, 15.4982



25.3696, 30.7137, 66.0012



40.0287, 30.7137, 30.6905

Complementary

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



23.8423, 30.7137, 15.4982



18.8961, 15.0834, 35.1749

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.



39.0400, 30.7137, 46.2664



23.8423, 30.7137, 15.4982



30.1920, 30.7137, 69.7085

Square

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



23.8423, 30.7137, 15.4982



21.9656, 30.7137, 52.6246



35.2885, 30.7137, 61.6469



37.8525, 30.7137, 19.5997

Rectangle

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



23.8423, 30.7137, 15.4982



20.4939, 30.7137, 31.4381



35.2885, 30.7137, 61.6469



40.0583, 30.7137, 35.5292

Sweetspot

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



23.8431, 30.7150, 15.4989



54.6394, 61.0514, 54.2561



23.8030, 22.7790, 13.9692



11.8624, 13.3336, 11.6019



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.



23.8431, 30.7150, 15.4989



40.3211, 54.3652, 22.1795



19.7014, 28.5799, 15.3050



6.8747, 7.5681, 7.0841



12.8439, 21.1580, 3.4070



0.2782, 0.4033, 0.0632

Inverse Universe

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



18.8961, 15.0834, 35.1749



30.0553, 21.9127, 63.0320



24.2945, 17.8663, 35.4276



6.5611, 6.5777, 8.3305



7.1837, 3.1324, 26.1332



0.1768, 0.0809, 0.4695

Previews

White Background



This preview shows how the XYZ color 23.8423, 30.7137, 15.4982 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 23.8423, 30.7137, 15.4982 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 23.8423, 30.7137, 15.4982

Background



This preview shows how black text looks on a background with the XYZ color 23.8423, 30.7137, 15.4982.



This preview shows how white text looks on a background with the XYZ color 23.8423, 30.7137,

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

23.8423, 30.7137, 15.4982

Protanopia

28.1045, 30.4605, 14.2957

Deuteranopia

31.0478, 30.5507, 16.0649



Tritanopia

28.7443, 30.7123, 39.5350

Trichromacy



Original Color

23.8423, 30.7137, 15.4982

Protanomaly

26.4363, 30.5593, 14.6304

Deuteranomaly

28.0112, 30.3759, 15.9421

Tritanomaly

26.5349, 30.5410, 28.9226

Monochromacy



Original Color

23.8423, 30.7137, 15.4982

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3197, 28.8080, 23.9647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8423, 30.7137, 15.4982 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, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(130, 160, 95)  
}
```

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, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 160, 95) }
```

Border

The CSS property to change the border of an element to XYZ 23.8423, 30.7137, 15.4982 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, 160, 95) }
```


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

```
.border{ border-color:rgb(130, 160, 95) }
```

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

Here you see how a box with a 4 pixel rgb(130, 160, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(130, 160,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8423, 30.7137, 15.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 160, 95) }
```

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

```
.background{ background-color: rgb(130,  
160, 95) }
```

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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