

Converting Colors

XYZ(24.1047, 23.6673, 13.1953)

Have a look what the booklet for
XYZ(24.1047, 23.6673, 13.1953)
contains.

XYZ(24.1047, 23.6673, 13.1953)	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(24.1047, 23.6673,
13.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	A0805B
RGB	160, 128, 91
RGB Percent	63%, 50%, 36%
CMY	0.3725, 0.4980, 0.6431
CMYK	0.00, 0.20, 0.43, 0.37
HSL	32°, 27%, 49%
HSV	32°, 43%, 63%
XYZ	24.1047, 23.6673, 13.1953
YIQ	133.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

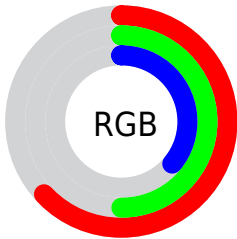
Format	Color
RYB	151, 160, 91
Decimal	10518619
CIELab	55.75, 7.21, 24.74
CIELCh	56, 25.768, 73.757
Yxy	23.6673, 0.3954, 0.3882
Android (android.graphics.Color)	4288708699 (0xFFA0805B)
YUV	133.3500, -20.8785, 23.3721
Hunter-Lab	48.6490, 3.3076, 17.9728

Details

The XYZ color **24.1047, 23.6673, 13.1953** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.7422, 18.9273, 35.9758**, and the grayscale version is **22.4884, 23.6595, 25.7652**.

A 20% lighter version of the original color is **49.7253, 49.5997, 32.5441**, and **9.3140, 8.8996, 3.6098** is the 20% darker color. If you saturate the color by 10%, you get **22.5543, 21.5557, 9.6288**, and if you desaturate by 10%, it is **25.8743, 25.9816, 17.5615**.

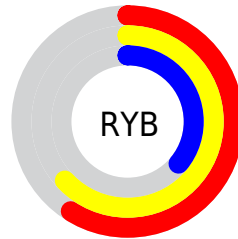
Distribution



Red (63%)

Green (50%)

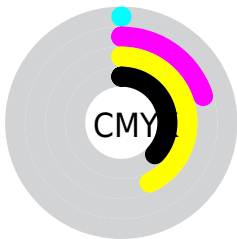
Blue (36%)



Red (59%)

Yellow (63%)

Blue (36%)

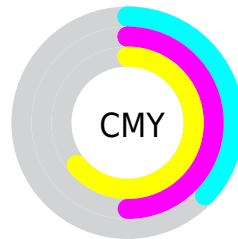


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (37%)



Cyan (37%)


Magenta (50%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1047, 23.6673, 13.1953 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 24.1047, 23.6673, 13.1953 by changing the saturation by 10% instead.


 24.1047, 23.6673,
13.1953


 24.1047, 23.6673,
13.1953

265.7800,
271.1341, 223.4172

 15.5365, 15.0870,
7.4309


 49.6544, 49.4867,
32.3505

 9.2855, 8.8805,
3.6505


 67.3666, 67.4947,
46.5784

 4.9865, 4.6633,
1.4356

 88.8575, 89.4139,
64.4645

 2.2740, 2.0511,
0.1693

 114.4925,
115.6289, 86.4273

 0.7813, 0.6369,
0.0000

144.6369,
146.5241, 112.8855

 0.0000, 0.0000,
0.0000

179.6560,

182.4837, 144.2575

219.9153,
223.8923, 180.9619

■ 24.1047, 23.6673,
13.1953

■ 24.1047, 23.6673,
13.1953

■ 22.5543, 21.5557,
9.6288

■ 25.8743, 25.9816,
17.5615

■ 21.2102, 19.6366,
6.8102

■ 27.8713, 28.5015,
22.7716

■ 20.0612, 17.9039,
4.6841

■ 30.1057, 31.2342,
28.8686

■ 19.0934, 16.3494,
3.1864

■ 32.5863, 34.1855,
35.8918

■ 18.2908, 14.9641,
2.2410

■ 35.3213, 37.3607,
43.8783

■ 17.8095, 14.0983,
1.7826

■ 38.3187, 40.7650,
52.8631

■ 41.5859, 44.4036,
62.8795

■ 45.1301, 48.2813,
73.9591

■ 48.9582, 52.4028,
86.1324

Harmonies

Analogous

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



26.8054, 23.6673, 16.1603



24.1047, 23.6673, 13.1953



21.1843, 23.6673, 13.0799

Triad

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



24.1047, 23.6673, 13.1953



17.4638, 23.6673, 29.7917



26.6120, 23.6673, 39.2378

Complementary

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



24.1047, 23.6673, 13.1953



17.7422, 18.9273, 35.9758

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.



23.8588, 23.6673, 44.7881



24.1047, 23.6673, 13.1953



18.6735, 23.6673, 38.5875

Square

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



24.1047, 23.6673, 13.1953



17.5172, 23.6673, 21.5229



20.9587, 23.6673, 44.5272



28.3365, 23.6673, 30.5413

Rectangle

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



24.1047, 23.6673, 13.1953



19.5132, 23.6673, 14.5665



20.9587, 23.6673, 44.5272



25.7662, 23.6673, 41.6096

Sweetspot

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



24.1053, 23.6684, 13.1958



54.6095, 56.6474, 52.2668



21.8261, 16.3910, 20.8182



11.7827, 12.1889, 10.9256



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.



24.1053, 23.6684, 13.1958



40.9841, 39.1835, 17.5533



28.5007, 33.1356, 14.7915



6.9128, 7.2057, 7.0122



13.9178, 11.0713, 1.4034



0.2910, 0.2822, 0.0391

Inverse Universe

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



17.7422, 18.9273, 35.9758



27.8499, 29.4038, 64.5942



14.6311, 12.3633, 34.8728



6.5255, 6.9168, 8.3978



6.9037, 5.8990, 26.6820



0.1654, 0.1894, 0.4911

Previews

White Background



This preview shows how the XYZ color 24.1047, 23.6673, 13.1953 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 24.1047, 23.6673, 13.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

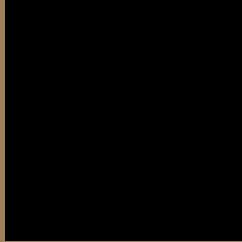
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1047, 23.6673, 13.1953

Background



This preview shows how black text looks on a background with the XYZ color 24.1047, 23.6673, 13.1953.



This preview shows how white text looks on a background with the XYZ color 24.1047, 23.6673,

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

24.1047, 23.6673, 13.1953

Protanopia

22.0025, 23.7698, 13.7843

Deuteranopia

24.1047, 23.6673, 13.1953



Tritanopia

26.5577, 23.7244, 25.0093

Trichromacy



Original Color

24.1047, 23.6673, 13.1953

Protanomaly

22.7607, 23.7593, 13.5116

Deuteranomaly

24.1047, 23.6673, 13.1953

Tritanomaly

25.6488, 23.7381, 20.0597

Monochromacy



Original Color

24.1047, 23.6673, 13.1953

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7140, 23.3802, 20.4552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1047, 23.6673, 13.1953 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(160, 128, 91)` looks like.

```
.text, #text, p{  
    color:rgb(160, 128, 91)  
}
```

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(160, 128, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 128, 91) }
```

Border

The CSS property to change the border of an element to XYZ 24.1047, 23.6673, 13.1953 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(160, 128, 91) }
```


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

```
.border{ border-color:rgb(160, 128, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 128, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 128, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 128, 91);  
box-shadow:4px 4px 4px 4px rgb(160, 128,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1047, 23.6673, 13.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 128, 91) }
```

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

```
.background{ background-color: rgb(160,  
128, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor