

Converting Colors

XYZ(34.1874, 23.7518, 12.6802)

Have a look what the booklet for
XYZ(34.1874, 23.7518, 12.6802)
contains.

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Color

**XYZ(34.1874, 23.7518,
12.6802)**

Conversions

Conversions Part 1

Format	Color
Hex	D7615B
RGB	215, 97, 91
RGB Percent	84%, 38%, 36%
CMY	0.1569, 0.6196, 0.6431
CMYK	0.00, 0.55, 0.58, 0.16
HSL	3°, 61%, 60%
HSV	3°, 58%, 84%
XYZ	34.1874, 23.7518, 12.6802
YIQ	131.5980, 72.2540, 23.1500

Conversions

Conversions Part 2

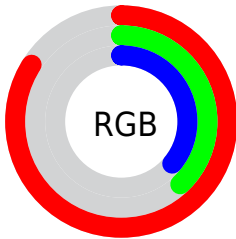
Format	Color
R_{YB}	215, 97, 91
Decimal	14115163
CIE _{Lab}	55.84, 45.94, 26.19
CIE _{LCh}	56, 52.880, 29.689
Yxy	23.7518, 0.4841, 0.3363
Android (android.graphics.Color)	4292305243 (0xFFD7615B)
YUV	131.5980, -20.0148, 73.1436
Hunter-Lab	48.7358, 39.9272, 18.6889

Details

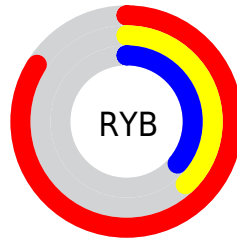
The XYZ color **34.1874, 23.7518, 12.6802** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **39.3790, 52.7282, 72.3919**, and the grayscale version is **21.8398, 22.9771, 25.0221**.

A 20% lighter version of the original color is **57.1143, 45.3163, 30.9360**, and **14.8919, 8.9594, 3.4271** is the 20% darker color. If you saturate the color by 10%, you get **31.7365, 20.1278, 7.9244**, and if you desaturate by 10%, it is **37.3925, 28.4594, 18.9983**.

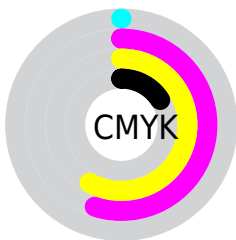
Distribution



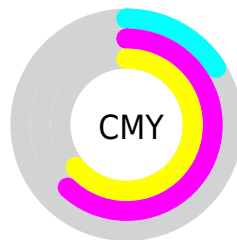
- Red (84%)
- Green (38%)
- Blue (36%)



- Red (84%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (58%)
- Black (16%)





- Cyan (16%)
- Magenta (62%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1874, 23.7518, 12.6802 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 34.1874, 23.7518, 12.6802 by changing the saturation by 10% instead.


 34.1874, 23.7518,
12.6802


 34.1874, 23.7518,
12.6802


312.5381,
271.5633, 219.9932


 23.2012, 15.1496,
7.0806


 65.5673, 49.6249,
31.4108


 14.8636, 8.9245,
3.4333


 86.6918, 67.6645,
45.3788

 8.8094, 4.6919,
1.3199


 111.9263, 89.6188,
62.9733

 4.6732, 2.0677,
0.0780

 141.6363,
115.8721, 84.6130

 2.0896, 0.6464,
0.0000

176.1871,
146.8088, 110.7162

 0.6835, 0.0000,
0.0000

215.9441,

 0.0000, 0.0000,

182.8133, 141.7017

0.0000

261.2727,
224.2700, 177.9878

■ 34.1874, 23.7518,
12.6802

■ 34.1874, 23.7518,
12.6802

■ 31.7365, 20.1278,
7.9244

■ 37.3925, 28.4594,
18.9983

■ 29.9763, 17.4975,
4.5938

■ 41.4050, 34.3235,
26.9974

■ 28.8361, 15.7634,
2.5297

■ 46.2751, 41.4150,
36.7862

■ 28.2249, 14.8045,
1.5135

■ 52.0485, 49.7980,
48.4641

■ 28.1373, 14.6732,
1.3492

■ 58.7677, 59.5324,
62.1229

■ 66.4725, 70.6741,
77.8486

■ 75.2004, 83.2759,
95.7221

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



36.2288, 23.7518, 26.0418



34.1874, 23.7518, 12.6802



28.9302, 23.7518, 6.5105

Triad

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



34.1874, 23.7518, 12.6802



13.9902, 23.7518, 12.4877



22.5127, 23.7518, 75.1394

Complementary

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



34.1874, 23.7518, 12.6802



39.3790, 52.7282, 72.3919

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.



17.2268, 23.7518, 66.2925



34.1874, 23.7518, 12.6802



12.8723, 23.7518, 25.6824

Square

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



34.1874, 23.7518, 12.6802



17.3177, 23.7518, 6.4392



13.9446, 23.7518, 45.9817



28.8022, 23.7518, 66.6297

Rectangle

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



34.1874, 23.7518, 12.6802



24.7095, 23.7518, 5.0447



13.9446, 23.7518, 45.9817



20.5678, 23.7518, 74.0565

Sweetspot

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



34.1880, 23.7531, 12.6806



77.0628, 73.9624, 72.2706



43.5065, 26.6258, 64.3865



16.0990, 15.2572, 14.6668



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.1880, 23.7531, 12.6806



46.1079, 28.7347, 10.5229



41.9922, 39.3616, 15.2820



12.4710, 12.5163, 12.9193



16.8518, 8.8207, 0.8144



1.0338, 0.5668, 0.0549

Inverse Universe

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



39.3790, 52.7282, 72.3919



54.3797, 75.0867, 106.2348



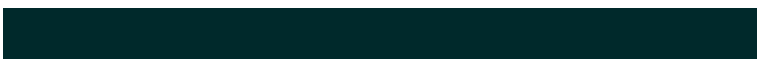
27.3066, 28.5833, 68.3677



12.7383, 13.9999, 15.9684



20.3581, 28.9780, 42.9735



1.2441, 1.7802, 2.5974

Previews

White Background



This preview shows how the XYZ color 34.1874, 23.7518, 12.6802 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 34.1874, 23.7518, 12.6802 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 34.1874, 23.7518, 12.6802

Background



This preview shows how black text looks on a background with the XYZ color 34.1874, 23.7518, 12.6802.



This preview shows how white text looks on a background with the XYZ color 34.1874, 23.7518,

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

34.1874, 23.7518, 12.6802

Protanopia

22.5066, 23.9514, 17.3468

Deuteranopia

24.2992, 23.7916, 12.1156



Tritanopia

34.8094, 23.7427, 15.3185

Trichromacy



Original Color

34.1874, 23.7518, 12.6802

Protanomaly

25.5485, 23.0493, 15.4143

Deuteranomaly

27.1788, 23.2509, 12.2879

Tritanomaly

34.7064, 23.8465, 14.3289

Monochromacy



Original Color

34.1874, 23.7518, 12.6802

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.7080, 22.1594, 19.8046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1874, 23.7518, 12.6802 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(215, 97, 91)` looks like.

```
.text, #text, p{  
    color:rgb(215, 97, 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(215, 97, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 97, 91) }
```

Border

The CSS property to change the border of an element to XYZ 34.1874, 23.7518, 12.6802 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(215, 97, 91) }
```


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

```
.border{ border-color:rgb(215, 97, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 97, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 97, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 97, 91);  
box-shadow:4px 4px 4px 4px rgb(215, 97,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1874, 23.7518, 12.6802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 97, 91) }
```

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

```
.background{ background-color: rgb(215, 97,  
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](#).

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