

Converting Colors

XYZ(27.6918, 18.3874, 8.7462)

Have a look what the booklet for
XYZ(27.6918, 18.3874, 8.7462)
contains.

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Color

**XYZ(27.6918, 18.3874,
8.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	C7504B
RGB	199, 80, 75
RGB Percent	78%, 31%, 29%
CMY	0.2196, 0.6862, 0.7059
CMYK	0.00, 0.60, 0.62, 0.22
HSL	2°, 53%, 54%
HSV	2°, 62%, 78%
XYZ	27.6918, 18.3874, 8.7462
YIQ	115.0110, 72.5290, 23.6730

Conversions

Conversions Part 2

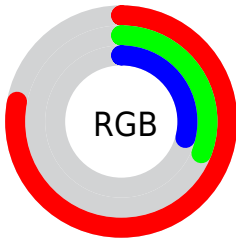
Format	Color
RYB	199, 80, 75
Decimal	13062219
CIELab	49.96, 47.15, 27.43
CIElCh	50, 54.547, 30.195
Yxy	18.3874, 0.5051, 0.3354
Android (android.graphics.Color)	4291252299 (0xFFC7504B)
YUV	115.0110, -19.7254, 73.6584
Hunter-Lab	42.8805, 40.2325, 17.9232

Details

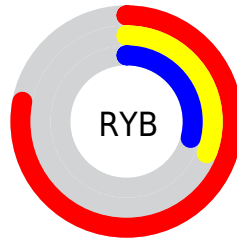
The XYZ color **27.6918, 18.3874, 8.7462** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **32.5006, 44.1997, 60.8509**, and the grayscale version is **16.3422, 17.1933, 18.7235**.

A 20% lighter version of the original color is **53.4032, 39.7654, 23.9296**, and **11.2012, 6.2007, 1.9028** is the 20% darker color. If you saturate the color by 10%, you get **25.9090, 15.7468, 5.3010**, and if you desaturate by 10%, it is **30.0857, 21.9098, 13.4461**.

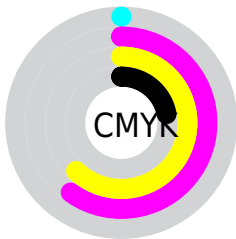
Distribution



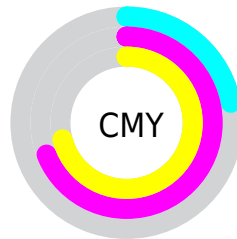
- Red (78%)
- Green (31%)
- Blue (29%)



- Red (78%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (22%)





- Cyan (22%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6918, 18.3874, 8.7462 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 27.6918, 18.3874, 8.7462 by changing the saturation by 10% instead.


 27.6918, 18.3874,
8.7462


 27.6918, 18.3874,
8.7462


283.0981,
243.0457, 191.6209


 18.2327, 11.2285,
4.4815


 55.4041, 40.6963,
23.9787


 11.2179, 6.2207,
1.8930


 74.3880, 56.6152,
35.7835


 6.2820, 2.9798,
0.4883


 97.2776, 76.2227,
50.9388

 3.0596, 1.1212,
0.0000

 124.4383, 99.9034,
69.8631

 1.1853, 0.0000,
0.0000

 156.2353,
128.0417, 92.9749

 0.0947, 0.0000,
0.0000

193.0340,

 0.0000, 0.0000,

161.0219, 120.6928

0.0000

235.1999,
199.2284, 153.4353

■ 27.6918, 18.3874,
8.7462

■ 27.6918, 18.3874,
8.7462

■ 25.9090, 15.7468,
5.3010

■ 30.0857, 21.9098,
13.4461

■ 24.6808, 13.9074,
2.9894

■ 33.1381, 26.3793,
19.5047

■ 23.9422, 12.7790,
1.6680

■ 36.8930, 31.8586,
27.0161

■ 23.6402, 12.3165,
1.1313

■ 41.3904, 38.4043,
36.0659

■ 46.6673, 46.0684,
46.7331

■ 52.7581, 54.9000,
59.0911

■ 59.6953, 64.9450,
73.2089

■ 67.5094, 76.2468,
89.1517

■ 76.2297, 88.8467,
106.9814

Harmonies

Analogous

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



29.5884, 18.3874, 19.9228



27.6918, 18.3874, 8.7462



22.9682, 18.3874, 3.9840

Triad

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



27.6918, 18.3874, 8.7462



10.1209, 18.3874, 8.8445



17.5110, 18.3874, 64.8531

Complementary

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



27.6918, 18.3874, 8.7462



32.5006, 44.1997, 60.8509

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.



12.9387, 18.3874, 56.8637



27.6918, 18.3874, 8.7462



9.2244, 18.3874, 20.1191

Square

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



27.6918, 18.3874, 8.7462



12.8901, 18.3874, 4.0175



10.1447, 18.3874, 38.2853



23.0395, 18.3874, 56.6671

Rectangle

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



27.6918, 18.3874, 8.7462



19.2461, 18.3874, 2.9367



10.1447, 18.3874, 38.2853



15.8191, 18.3874, 63.9366

Sweetspot

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



27.6922, 18.3884, 8.7465



75.1270, 71.1020, 68.5079



35.9043, 21.1083, 53.7324



15.5359, 14.4275, 13.5646



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.



27.6922, 18.3884, 8.7465



44.4417, 26.1941, 7.5269



34.3676, 31.7391, 10.9716



10.6676, 10.7044, 11.0667



15.2168, 7.9507, 0.7326



0.7328, 0.4010, 0.0388

Inverse Universe

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



32.5006, 44.1997, 60.8509



53.4940, 74.9934, 106.2635



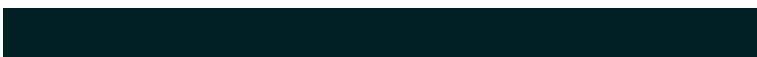
21.5797, 22.3580, 57.2106



10.9086, 11.9913, 13.6571



18.6200, 26.6339, 38.9038



0.8933, 1.2844, 1.8460

Previews

White Background



This preview shows how the XYZ color 27.6918, 18.3874, 8.7462 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 27.6918, 18.3874, 8.7462 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 27.6918, 18.3874, 8.7462

Background



This preview shows how black text looks on a background with the XYZ color 27.6918, 18.3874, 8.7462.



This preview shows how white text looks on a background with the XYZ color 27.6918, 18.3874,

8.7462.

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

27.6918, 18.3874, 8.7462

Protanopia

17.3872, 18.5382, 12.5593

Deuteranopia

18.7685, 18.4840, 8.2088



Tritanopia

27.9494, 18.3742, 10.4610

Trichromacy



Original Color

27.6918, 18.3874, 8.7462

Protanomaly

20.0177, 17.6291, 10.9420

Deuteranomaly

21.4058, 17.9570, 8.2991

Tritanomaly

27.8344, 18.3282, 9.8552

Monochromacy



Original Color

27.6918, 18.3874, 8.7462

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.9057, 16.5338, 14.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6918, 18.3874, 8.7462 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(199, 80, 75)` looks like.

```
.text, #text, p{  
    color:rgb(199, 80, 75)  
}
```

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(199, 80, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 80, 75) }
```

Border

The CSS property to change the border of an element to XYZ 27.6918, 18.3874, 8.7462 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(199, 80, 75) }
```


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

```
.border{ border-color:rgb(199, 80, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 80, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 80, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 80, 75);  
box-shadow:4px 4px 4px 4px rgb(199, 80,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6918, 18.3874, 8.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 80, 75) }
```

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

```
.background{ background-color: rgb(199, 80,  
75) }
```

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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