

Converting Colors

XYZ(27.3521, 23.4589, 13.8582)

Have a look what the booklet for
XYZ(27.3521, 23.4589, 13.8582)
contains.

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Color

**XYZ(27.3664, 23.4864,
13.9174)**

Conversions

Conversions Part 1

Format	Color
Hex	B4765F
RGB	180, 118, 95
RGB Percent	71%, 46%, 37%
CMY	0.2941, 0.5372, 0.6274
CMYK	0.00, 0.34, 0.47, 0.29
HSL	16°, 36%, 54%
HSV	16°, 47%, 71%
XYZ	27.3664, 23.4864, 13.9174
YIQ	133.9160, 44.3350, 5.9910

Conversions

Conversions Part 2

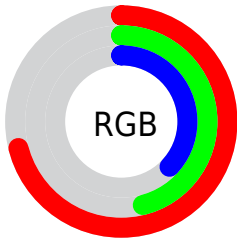
Format	Color
RYB	180, 127, 95
Decimal	11826783
CIELab	55.57, 21.67, 22.65
CIELCh	56, 31.349, 46.262
Yxy	23.4864, 0.4225, 0.3626
Android (android.graphics.Color)	4290016863 (0xFFB4765F)
YUV	133.9160, -19.1856, 40.4157
Hunter-Lab	48.4628, 15.9872, 16.8972

Details

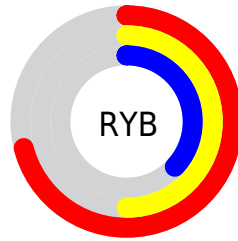
The XYZ color **27.3664, 23.4864, 13.9174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0139, 29.8408, 47.6214**, and the grayscale version is **22.6865, 23.8680, 25.9922**.

A 20% lighter version of the original color is **55.0111, 49.3783, 33.8257**, and **10.9738, 8.7547, 3.9078** is the 20% darker color. If you saturate the color by 10%, you get **25.2010, 20.3171, 9.6147**, and if you desaturate by 10%, it is **29.9373, 27.1640, 19.2884**.

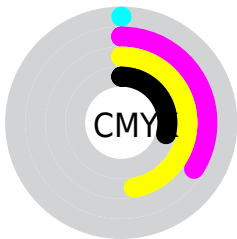
Distribution



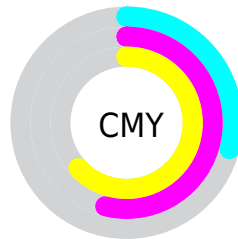
- Red (71%)
- Green (46%)
- Blue (37%)



- Red (71%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3664, 23.4864, 13.9174 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 27.3664, 23.4864, 13.9174 by changing the saturation by 10% instead.


 27.3664, 23.4864,
13.9174


 27.3664, 23.4864,
13.9174


281.5621,
270.2135, 228.1269


 17.9866, 14.9531,
7.9251


 54.8870, 49.1908,
33.6574

 11.0400, 8.7865,
3.9600


 73.7585, 67.1306,
48.2422

 6.1612, 4.6022,
1.6034


 96.5247, 88.9747,
66.5284

 2.9850, 2.0158,
0.2933

 123.5508,
115.1075, 88.9343

 1.1458, 0.6166,
0.0000

155.2022,
145.9134, 115.8785

 0.0629, 0.0000,
0.0000

191.8444,

 0.0000, 0.0000,

181.7768, 147.7797

0.0000

233.8425,
223.0820, 185.0563

■ 27.3664, 23.4864,
13.9174

■ 27.3664, 23.4864,
13.9174

■ 25.2010, 20.3171,
9.6147

■ 29.9373, 27.1640,
19.2884

■ 23.4172, 17.6298,
6.3065

■ 32.9321, 31.3680,
25.7920

■ 21.9912, 15.4006,
3.9115


■ 36.3704, 36.1195,
33.4890

■ 20.8956, 13.6024,
2.3349


■ 40.2697, 41.4377,
42.4355


■ 20.0940, 12.2027,
1.4399


■ 44.6468, 47.3408,
52.6840

 19.9088, 11.8761,
1.2430

 49.5174, 53.8459,
64.2839

 54.8966, 60.9698,
77.2822

 60.7990, 68.7283,
91.7235

 66.9143, 77.0072,
105.9449

Harmonies

Analogous

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



29.5143, 23.4864, 20.4938



27.3664, 23.4864, 13.9174



23.9786, 23.4864, 10.9279

Triad

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



27.3664, 23.4864, 13.9174



16.3435, 23.4864, 21.2178



24.2836, 23.4864, 49.2173

Complementary

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



27.3664, 23.4864, 13.9174



25.0139, 29.8408, 47.6214

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.



20.7457, 23.4864, 49.5620



27.3664, 23.4864, 13.9174



16.4066, 23.4864, 31.4282

Square

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



27.3664, 23.4864, 13.9174



17.7583, 23.4864, 14.3261



17.9409, 23.4864, 42.3976



27.6100, 23.4864, 41.5527

Rectangle

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



27.3664, 23.4864, 13.9174



21.5890, 23.4864, 10.6795



17.9409, 23.4864, 42.3976



23.0737, 23.4864, 50.2511

Sweetspot

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



27.3670, 23.4876, 13.9179



67.9669, 68.2591, 65.3188



29.0290, 20.3336, 34.4426



14.3769, 14.3245, 13.4044



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.3670, 23.4876, 13.9179



45.4274, 36.4421, 16.9203



33.4877, 35.7290, 15.9581



8.6773, 8.8671, 8.9067



13.9440, 8.3865, 0.8838



0.4882, 0.3629, 0.0443

Inverse Universe

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



25.0139, 29.8408, 47.6214



40.5787, 49.3104, 85.6737



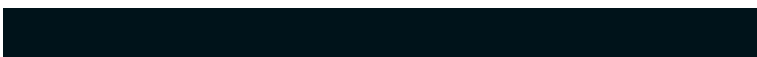
19.0694, 17.9519, 45.6400



8.5443, 9.2348, 10.8385



11.4991, 13.7985, 32.1943



0.4071, 0.5246, 1.0280

Previews

White Background



This preview shows how the XYZ color 27.3664, 23.4864, 13.9174 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 27.3664, 23.4864, 13.9174 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 27.3664, 23.4864, 13.9174

Background



This preview shows how black text looks on a background with the XYZ color 27.3664, 23.4864, 13.9174.



This preview shows how white text looks on a background with the XYZ color 27.3664, 23.4864,

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

27.3664, 23.4864, 13.9174

Protanopia

22.1135, 23.5740, 15.9551

Deuteranopia

23.9930, 23.5996, 13.6465



Tritanopia

28.8839, 23.4098, 21.7351

Trichromacy



Original Color

27.3664, 23.4864, 13.9174

Protanomaly

23.6816, 23.4071, 15.0742

Deuteranomaly

25.1644, 23.4389, 13.7875

Tritanomaly

28.1674, 23.2775, 18.6312

Monochromacy



Original Color

27.3664, 23.4864, 13.9174

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8718, 23.3737, 21.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3664, 23.4864, 13.9174 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(180, 118, 95)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 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(180, 118, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 95) }
```

Border

The CSS property to change the border of an element to XYZ 27.3664, 23.4864, 13.9174 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(180, 118, 95) }
```


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

```
.border{ border-color:rgb(180, 118, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 118, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 95);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3664, 23.4864, 13.9174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 95) }
```

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

```
.background{ background-color: rgb(180,  
118, 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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