

Converting Colors

XYZ(19.3454, 27.7026, 23.3985)

Have a look what the booklet for
XYZ(19.3454, 27.7026, 23.3985)
contains.

XYZ(19.3446, 27.7028, 23.3964)	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(19.3446, 27.7028,
23.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	529E7C
RGB	82, 158, 124
RGB Percent	32%, 62%, 49%
CMY	0.6784, 0.3804, 0.5137
CMYK	0.48, 0.00, 0.22, 0.38
HSL	153°, 32%, 47%
HSV	153°, 48%, 62%
XYZ	19.3446, 27.7028, 23.3964
YIQ	131.4000, -34.3820, -26.6860

Conversions

Conversions Part 2

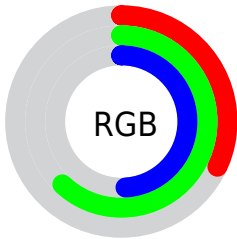
Format	Color
R_{YB}	82, 131, 158
Decimal	5414524
CIE _{Lab}	59.62, -31.83, 10.59
CIE _{LCh}	60, 33.549, 161.606
Yxy	27.7028, 0.2746, 0.3933
Android (android.graphics.Color)	4283604604 (0xFF529E7C)
YUV	131.4000, -3.6482, -43.3238
Hunter-Lab	52.6334, -26.5037, 10.4881

Details

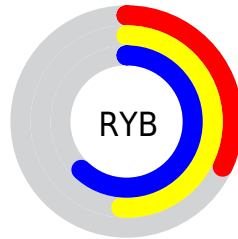
The XYZ color **19.3446, 27.7028, 23.3964** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.2711, 14.5652, 18.2669**, and the grayscale version is **21.7385, 22.8706, 24.9061**.

A 20% lighter version of the original color is **41.8834, 55.9971, 50.1960**, and **6.8249, 11.0227, 8.4245** is the 20% darker color. If you saturate the color by 10%, you get **17.6946, 26.9028, 21.0690**, and if you desaturate by 10%, it is **21.3445, 28.6810, 25.9087**.

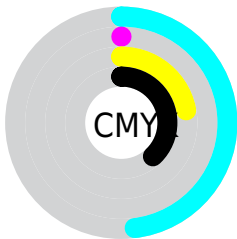
Distribution



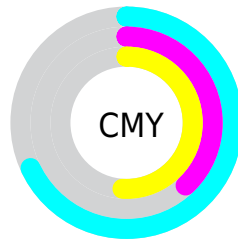
- Red (32%)
- Green (62%)
- Blue (49%)



- Red (32%)
- Yellow (51%)
- Blue (62%)



- Cyan (48%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (68%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3446, 27.7028, 23.3964 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 19.3446, 27.7028, 23.3964 by changing the saturation by 10% instead.

■ 19.3446, 27.7028,
23.3964

■ 19.3446, 27.7028,
23.3964

241.2464,
291.0440, 282.9421

■ 12.0250, 18.1017,
14.6784

■ 41.8280, 56.0096,
49.9748

■ 6.8330, 11.0231,
8.4499

■ 57.7225, 75.4841,
68.6724

■ 3.4033, 6.0823,
4.2923

■ 77.2060, 99.0186,
91.5335

■ 1.3705, 2.8952,
1.7870

■ 100.6439,
126.9974, 118.9768

■ 0.2350, 1.0773,
0.4194

■ 128.4015,
159.8050, 151.4207

■ 0.0000, 0.0000,
0.0000

160.8442,

197.8257, 189.2839

198.3374,
241.4439, 232.9849

■ 19.3446, 27.7028,
23.3964

■ 19.3446, 27.7028,
23.3964

■ 17.6946, 26.9028,
21.0690

■ 21.3445, 28.6810,
25.9087

■ 16.3697, 26.2659,
18.9201

■ 23.7127, 29.8445,
28.6083

■ 15.3449, 25.7803,
16.9455


■ 26.4687, 31.2042,
31.5000


■ 14.5908, 25.4307,
15.1400


■ 29.6303, 32.7690,
34.5879


■ 14.0538, 25.1896,
13.4974


■ 33.2139, 34.5473,
37.8759

 13.9606, 25.1480,
13.2028

 37.2350, 36.5472,
41.3676

 41.7084, 38.7760,
45.0667

 46.6480, 41.2411,
48.9768

 52.0673, 43.9492,
53.1013

Harmonies

Analogous

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



21.2926, 27.7028, 15.8878



19.3446, 27.7028, 23.3964



19.1424, 27.7028, 35.0947

Triad

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



19.3446, 27.7028, 23.3964



28.0004, 27.7028, 59.2049



32.8900, 27.7028, 17.1936

Complementary

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



19.3446, 27.7028, 23.3964



20.2711, 14.5652, 18.2669

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.



35.1249, 27.7028, 25.7176



19.3446, 27.7028, 23.3964



32.1067, 27.7028, 51.1395

Square

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



19.3446, 27.7028, 23.3964



23.8475, 27.7028, 58.0932



34.8238, 27.7028, 38.1241



28.9805, 27.7028, 13.0242

Rectangle

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



19.3446, 27.7028, 23.3964



19.9954, 27.7028, 44.0863



34.8238, 27.7028, 38.1241



33.8800, 27.7028, 19.5323

Sweetspot

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



19.3454, 27.7039, 23.3970



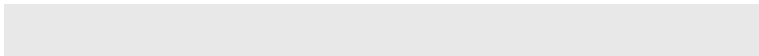
50.1741, 57.7072, 59.3056



20.9798, 28.7908, 12.4344



11.0545, 12.8828, 13.1153



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.



19.3454, 27.7039, 23.3970



31.8572, 48.7206, 37.8422



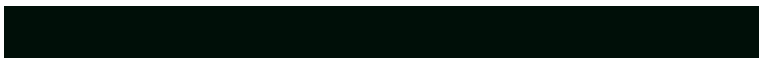
21.2407, 27.4409, 36.5262



6.6964, 7.4593, 7.8360



11.2006, 20.1482, 10.6794



0.2214, 0.3687, 0.3023

Inverse Universe

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



20.2711, 14.5652, 18.2669



33.7539, 21.8805, 27.3895



18.9361, 14.5025, 9.7842



6.7502, 6.6930, 7.5357



12.2153, 6.1907, 5.3846



0.2394, 0.1191, 0.2069

Previews

White Background



This preview shows how the XYZ color 19.3446, 27.7028, 23.3964 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 19.3446, 27.7028, 23.3964 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 19.3446, 27.7028, 23.3964

Background



This preview shows how black text looks on a background with the XYZ color 19.3446, 27.7028, 23.3964.



This preview shows how white text looks on a background with the XYZ color 19.3446, 27.7028,

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

19.3446, 27.7028, 23.3964

Protanopia

25.5879, 27.1863, 20.4218

Deuteranopia

27.8851, 27.4169, 24.2444



Tritanopia

22.5340, 27.5002, 39.7177

Trichromacy



Original Color

19.3446, 27.7028, 23.3964

Protanomaly

22.5239, 26.9473, 21.4670

Deuteranomaly

23.6290, 26.7696, 24.0003

Tritanomaly

21.1804, 27.4371, 33.0337

Monochromacy



Original Color

19.3446, 27.7028, 23.3964

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.2312, 24.1190, 24.0112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3446, 27.7028, 23.3964 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(82, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(82, 158, 124)  
}
```

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(82, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 158, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.3446, 27.7028, 23.3964 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(82, 158, 124) }
```


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

```
.border{ border-color:rgb(82, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(82, 158,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3446, 27.7028, 23.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 158, 124) }
```

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

```
.background{ background-color: rgb(82, 158,  
124) }
```

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