

Converting Colors

XYZ(24.5666, 27.4678, 10.9106)

Have a look what the booklet for
XYZ(24.5666, 27.4678, 10.9106)
contains.

XYZ(24.5668, 27.5449, 10.8594)	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(24.5668, 27.5449,
10.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	99914C
RGB	153, 145, 76
RGB Percent	60%, 57%, 30%
CMY	0.4000, 0.4314, 0.7020
CMYK	0.00, 0.05, 0.50, 0.40
HSL	54°, 34%, 45%
HSV	54°, 50%, 60%
XYZ	24.5668, 27.5449, 10.8594
YIQ	139.5260, 26.9170, -19.7630

Conversions

Conversions Part 2

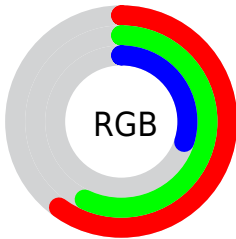
Format	Color
RYB	85, 153, 76
Decimal	10064204
CIELab	59.48, -6.83, 37.38
CIElCh	59, 37.999, 100.350
Yxy	27.5449, 0.3901, 0.4374
Android (android.graphics.Color)	4288254284 (0xFF99914C)
YUV	139.5260, -31.3183, 11.8167
Hunter-Lab	52.4832, -8.2919, 24.4705

Details

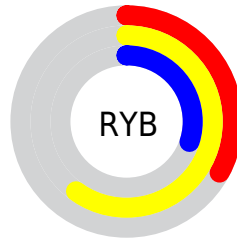
The XYZ color **24.5668, 27.5449, 10.8594** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.9006, 10.1768, 31.4741**, and the grayscale version is **24.8542, 26.1486, 28.4758**.

A 20% lighter version of the original color is **50.5487, 55.9345, 28.2109**, and **9.5573, 10.9776, 2.7138** is the 20% darker color. If you saturate the color by 10%, you get **23.8561, 26.8759, 8.3031**, and if you desaturate by 10%, it is **25.4088, 28.2739, 14.0842**.

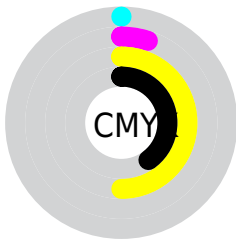
Distribution



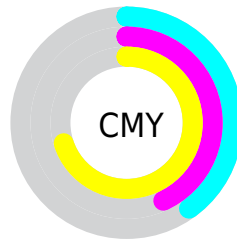
- Red (60%)
- Green (57%)
- Blue (30%)



- Red (33%)
- Yellow (60%)
- Blue (30%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5668, 27.5449, 10.8594 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 24.5668, 27.5449, 10.8594 by changing the saturation by 10% instead.

■ 24.5668, 27.5449,
10.8594

■ 24.5668, 27.5449,
10.8594

268.0613,
290.2858, 207.4031

■ 15.8816, 17.9829,
5.8594

■ 50.4015, 55.7570,
28.0325

■ 9.5307, 10.9377,
2.6924

■ 68.2818, 75.1759,
41.0428

■ 5.1488, 6.0250,
0.9396

■ 89.9578, 98.6492,
57.5601

■ 2.3705, 2.8603,
0.0000

■ 115.7949,
126.5614, 78.0032

■ 0.8304, 1.0592,
0.0000

■ 146.1584,
159.2967, 102.7905

■ 0.0000, 0.0000,
0.0000

181.4138,

197.2396, 132.3405

221.9263,
240.7745, 167.0719

■ 24.5668, 27.5449,
10.8594

■ 24.5668, 27.5449,
10.8594

■ 23.8561, 26.8759,
8.3031

■ 25.4088, 28.2739,
14.0842

■ 23.2655, 26.2593,
6.3657

■ 26.3882, 29.0624,
18.0192

■ 22.7853, 25.6922,
4.9933

■ 27.5134, 29.9146,
22.7045

■ 22.4035, 25.1699,
4.1221

■ 28.7913, 30.8333,
28.1770

■ 22.0984, 24.6954,
3.6020

■ 30.2283, 31.8213,
34.4708

■ 31.8308, 32.8810,
41.6182

■ 33.6043, 34.0147,
49.6498

■ 35.5546, 35.2246,
58.5947

■ 37.6868, 36.5130,
68.4804

Harmonies

Analogous

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



29.3883, 27.5449, 11.4292



24.5668, 27.5449, 10.8594



20.6788, 27.5449, 14.0941

Triad

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



24.5668, 27.5449, 10.8594



19.7930, 27.5449, 50.4210



35.8054, 27.5449, 39.7227

Complementary

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



24.5668, 27.5449, 10.8594



11.9006, 10.1768, 31.4741

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.



32.5807, 27.5449, 54.8011



24.5668, 27.5449, 10.8594



23.2152, 27.5449, 62.1629

Square

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



24.5668, 27.5449, 10.8594



18.1532, 27.5449, 34.9638



27.8636, 27.5449, 63.9726



36.2818, 27.5449, 25.5148

Rectangle

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



24.5668, 27.5449, 10.8594



18.9899, 27.5449, 18.7814



27.8636, 27.5449, 63.9726



34.9899, 27.5449, 44.9571

Sweetspot

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



24.5675, 27.5462, 10.8600



50.3894, 54.3859, 45.4098



17.3606, 12.5971, 10.1077



11.0303, 11.9394, 9.6161



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.5675, 27.5462, 10.8600



42.6243, 48.0330, 14.5292



20.9336, 27.5510, 11.0524



6.6541, 7.1133, 6.6281



18.2781, 20.4386, 2.9817



0.2869, 0.3329, 0.0491

Inverse Universe

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



11.9006, 10.1768, 31.4741



17.3915, 13.4514, 55.6517



14.2211, 10.5038, 31.4149



5.9336, 6.1245, 7.7984



4.9168, 2.2303, 25.0790



0.0854, 0.0572, 0.3789

Previews

White Background



This preview shows how the XYZ color 24.5668, 27.5449, 10.8594 looks on a white background.

Color Contrast Check

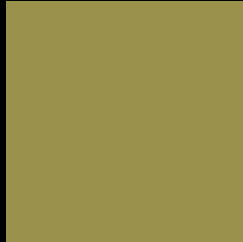
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5668, 27.5449, 10.8594 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 24.5668, 27.5449, 10.8594

Background



This preview shows how black text looks on a background with the XYZ color 24.5668, 27.5449, 10.8594.



This preview shows how white text looks on a background with the XYZ color 24.5668, 27.5449,

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

24.5668, 27.5449, 10.8594

Protanopia

25.1930, 27.4220, 10.6218

Deuteranopia

28.0000, 27.5553, 11.0507



Tritanopia

28.7882, 27.5030, 31.8083

Trichromacy



Original Color

24.5668, 27.5449, 10.8594

Protanomaly

24.9536, 27.5224, 10.6538

Deuteranomaly

26.6540, 27.5075, 10.9258

Tritanomaly

26.7956, 27.3294, 22.2752

Monochromacy



Original Color

24.5668, 27.5449, 10.8594

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.5609, 26.6501, 20.6791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5668, 27.5449, 10.8594 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(153, 145, 76)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 76)  
}
```

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(153, 145, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 76) }
```

Border

The CSS property to change the border of an element to XYZ 24.5668, 27.5449, 10.8594 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(153, 145, 76) }
```


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

```
.border{ border-color:rgb(153, 145, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 76);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5668, 27.5449, 10.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 76) }
```

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

```
.background{ background-color: rgb(153,  
145, 76) }
```

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