

Converting Colors

XYZ(25.2735, 27.4572, 18.5141)

Have a look what the booklet for
XYZ(25.2735, 27.4572, 18.5141)
contains.

XYZ(25.3113, 27.5347, 18.4487)	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(25.3113, 27.5347,
18.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	96906D
RGB	150, 144, 109
RGB Percent	59%, 56%, 43%
CMY	0.4118, 0.4353, 0.5725
CMYK	0.00, 0.04, 0.27, 0.41
HSL	51°, 16%, 51%
HSV	51°, 27%, 59%
XYZ	25.3113, 27.5347, 18.4487
YIQ	141.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

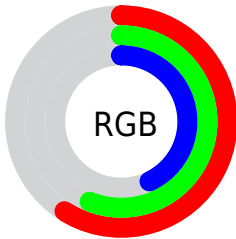
Format	Color
R_{YB}	116, 150, 109
Decimal	9867373
CIE _{Lab}	59.47, -3.60, 19.44
CIE _{LCh}	59, 19.774, 100.493
Yxy	27.5347, 0.3550, 0.3862
Android (android.graphics.Color)	4288057453 (0xFF96906D)
YUV	141.8040, -16.1724, 7.1879
Hunter-Lab	52.4735, -5.7268, 15.8862

Details

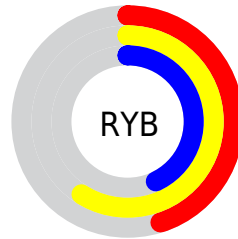
The XYZ color **25.3113, 27.5347, 18.4487** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9424, 17.7143, 31.3279**, and the grayscale version is **25.6921, 27.0301, 29.4357**.

A 20% lighter version of the original color is **51.8039, 55.9405, 41.7855**, and **9.9906, 10.9950, 6.0106** is the 20% darker color. If you saturate the color by 10%, you get **24.2430, 26.5818, 14.4430**, and if you desaturate by 10%, it is **26.5254, 28.5582, 23.1835**.

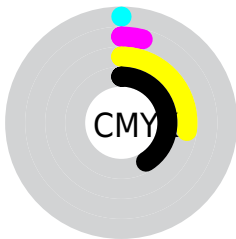
Distribution



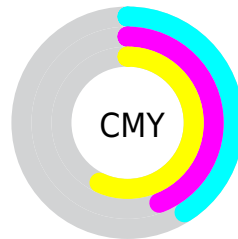
- Red (59%)
- Green (56%)
- Blue (43%)



- Red (45%)
- Yellow (59%)
- Blue (43%)



- Cyan (0%)
- Magenta (4%)
- Yellow (27%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3113, 27.5347, 18.4487 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 25.3113, 27.5347, 18.4487 by changing the saturation by 10% instead.

■ 25.3113, 27.5347,
18.4487

■ 25.3113, 27.5347,
18.4487

271.7038,
290.2368, 255.7086

■ 16.4391, 17.9752,
11.0998

■ 51.6011, 55.7407,
41.6246

■ 9.9282, 10.9322,
6.0190

■ 69.7493, 75.1560,
58.2888

■ 5.4133, 6.0213,
2.7877

■ 91.7203, 98.6254,
78.8952

■ 2.5290, 2.8580,
0.9873

■ 117.8794,
126.5332, 103.8622

■ 0.9099, 1.0581,
0.0000

148.5920,
159.2638, 133.6086

■ 0.0000, 0.0000,
0.0000

184.2233,

197.2017, 168.5527

225.1388,
240.7312, 209.1132

■ 25.3113, 27.5347,
18.4487

■ 25.3113, 27.5347,
18.4487

■ 24.2430, 26.5818,
14.4430

■ 26.5254, 28.5582,
23.1835

■ 23.3112, 25.6928,
11.1280

■ 27.8895, 29.6511,
28.6800

■ 22.5090, 24.8659,
8.4639

■ 29.4107, 30.8173,
34.9708

■ 21.8280, 24.0976,
6.4067

■ 31.0945, 32.0591,
42.0861

■ 21.2587, 23.3841,
4.9066

■ 32.9466, 33.3787,
50.0546

■ 20.7902, 22.7209,
3.9060

■ 34.9721, 34.7783,
58.9035

■ 20.4035, 22.1004,
3.3053

■ 37.1759, 36.2599,
68.6590

■ 20.3049, 21.9384,
3.1644

■ 39.5630, 37.8255,
79.3459

■ 42.1378, 39.4770,
90.9883

Harmonies

Analogous

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



27.7972, 27.5347, 18.8539



25.3113, 27.5347, 18.4487



23.1924, 27.5347, 20.7407

Triad

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



25.3113, 27.5347, 18.4487



22.7065, 27.5347, 39.7613



30.9324, 27.5347, 34.7805

Complementary

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



25.3113, 27.5347, 18.4487



17.9424, 17.7143, 31.3279

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.



29.3941, 27.5347, 41.6233



25.3113, 27.5347, 18.4487



24.6093, 27.5347, 44.7987

Square

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



25.3113, 27.5347, 18.4487



21.7529, 27.5347, 32.5394



27.0498, 27.5347, 45.5294



31.1500, 27.5347, 27.5596

Rectangle

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



25.3113, 27.5347, 18.4487



22.2331, 27.5347, 23.7396



27.0498, 27.5347, 45.5294



30.5483, 27.5347, 37.2294

Sweetspot

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



25.3120, 27.5359, 18.4493



49.0096, 52.1634, 49.7609



21.1498, 18.6629, 18.7529



10.7838, 11.4991, 10.7131



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.3120, 27.5359, 18.4493



43.4491, 47.5171, 27.9466



23.7635, 28.1220, 18.6440



6.1939, 6.6016, 6.1882



16.8584, 18.2312, 2.6304



0.2222, 0.2549, 0.0375

Inverse Universe

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



17.9424, 17.7143, 31.3279



28.1591, 27.1429, 54.6762



19.1925, 17.3765, 31.1968



5.5639, 5.7618, 7.2886



4.8184, 2.3316, 24.1271



0.0721, 0.0547, 0.2997

Previews

White Background



This preview shows how the XYZ color 25.3113, 27.5347, 18.4487 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 25.3113, 27.5347, 18.4487 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

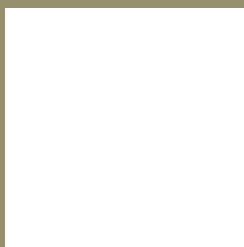
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3113, 27.5347, 18.4487

Background



This preview shows how black text looks on a background with the XYZ color 25.3113, 27.5347, 18.4487.



This preview shows how white text looks on a background with the XYZ color 25.3113, 27.5347,

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

25.3113, 27.5347, 18.4487

Protanopia

25.7196, 27.5214, 18.4246

Deuteranopia

27.9086, 27.3419, 18.5584



Tritanopia

28.1750, 27.6037, 32.2768

Trichromacy



Original Color

25.3113, 27.5347, 18.4487

Protanomaly

25.5317, 27.4244, 18.4158

Deuteranomaly

26.8905, 27.4590, 18.6347

Tritanomaly

26.9648, 27.5433, 26.4494

Monochromacy



Original Color

25.3113, 27.5347, 18.4487

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5288, 27.2764, 25.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3113, 27.5347, 18.4487 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(150, 144, 109)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 109)  
}
```

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(150, 144, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 109) }
```

Border

The CSS property to change the border of an element to XYZ 25.3113, 27.5347, 18.4487 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(150, 144, 109) }
```


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

```
.border{ border-color:rgb(150, 144, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 109);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3113, 27.5347, 18.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 109) }
```

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

```
.background{ background-color: rgb(150,  
144, 109) }
```

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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