

Converting Colors

XYZ(24.5192, 25.2802, 17.5303)

Have a look what the booklet for
XYZ(24.5192, 25.2802, 17.5303)
contains.

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Color

**XYZ(24.4547, 25.1618,
17.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	99876B
RGB	153, 135, 107
RGB Percent	60%, 53%, 42%
CMY	0.4000, 0.4706, 0.5804
CMYK	0.00, 0.12, 0.30, 0.40
HSL	37°, 18%, 51%
HSV	37°, 30%, 60%
XYZ	24.4547, 25.1618, 17.4777
YIQ	137.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

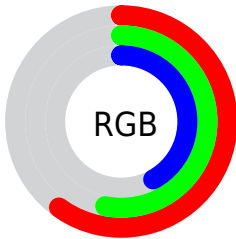
Format	Color
RYB	137, 153, 107
Decimal	10061675
CIELab	57.23, 2.35, 17.57
CIELCh	57, 17.727, 82.367
Yxy	25.1618, 0.3645, 0.3750
Android (android.graphics.Color)	4288251755 (0xFF99876B)
YUV	137.1900, -14.8837, 13.8654
Hunter-Lab	50.1615, -0.7606, 14.4548

Details

The XYZ color **24.4547, 25.1618, 17.4777** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1466, 20.0924, 33.0062**, and the grayscale version is **23.8996, 25.1442, 27.3821**.

A 20% lighter version of the original color is **50.1672, 51.8450, 39.7107**, and **9.4047, 9.5795, 5.4910** is the 20% darker color. If you saturate the color by 10%, you get **22.9083, 23.2451, 13.3362**, and if you desaturate by 10%, it is **26.1918, 27.2317, 22.3861**.

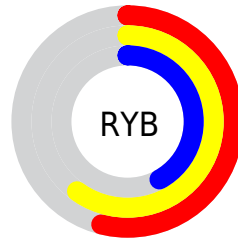
Distribution



Red (60%)

Green (53%)

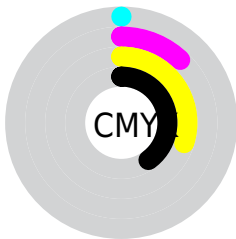
Blue (42%)



Red (54%)

Yellow (60%)

Blue (42%)

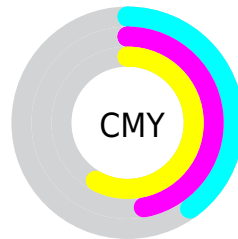


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4547, 25.1618, 17.4777 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 24.4547, 25.1618, 17.4777 by changing the saturation by 10% instead.

■ 24.4547, 25.1618,
17.4777

■ 24.4547, 25.1618,
17.4777

267.5093,
278.6428, 250.0469

■ 15.7978, 16.1976,
10.4101

■ 50.2205, 51.9196,
39.9471

■ 9.4711, 9.6641,
5.5626

■ 68.0601, 70.4820,
56.1861

■ 5.1093, 5.1768,
2.5165

■ 89.6913, 93.0126,
76.3192

■ 2.3470, 2.3514,
0.8489

■ 115.4796,
119.8959, 100.7651

■ 0.8185, 0.8007,
0.0000

145.7901,
151.5161, 129.9423

■ 0.0000, 0.0000,
0.0000

180.9883,

188.2577, 164.2693

221.4396,
230.5052, 204.1646

■ 24.4547, 25.1618,
17.4777

■ 24.4547, 25.1618,
17.4777

■ 22.9083, 23.2451,
13.3362

■ 26.1918, 27.2317,
22.3861

■ 21.5424, 21.4737,
9.9202

■ 28.1255, 29.4556,
28.0968

■ 20.3487, 19.8438,
7.1869

■ 30.2635, 31.8388,
34.6447

■ 19.3172, 18.3501,
5.0881

■ 32.6127, 34.3852,
42.0623

■ 18.4369, 16.9870,
3.5692

■ 35.1795, 37.0983,
50.3803

■ 17.6949, 15.7479,
2.5665

■ 37.9703, 39.9819,
59.6280

■ 17.0637, 14.6260,
1.9237

■ 40.9908, 43.0393,
69.8331

■ 44.2468, 46.2738,
81.0226

■ 47.7438, 49.6888,
93.2219

Harmonies

Analogous

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



26.4610, 25.1618, 19.2370



24.4547, 25.1618, 17.4777



22.4148, 25.1618, 18.0515

Triad

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



24.4547, 25.1618, 17.4777



20.3797, 25.1618, 32.0268



27.2504, 25.1618, 35.0639

Complementary

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



24.4547, 25.1618, 17.4777



19.1466, 20.0924, 33.0062

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.



25.4818, 25.1618, 39.5132



24.4547, 25.1618, 17.4777



21.5388, 25.1618, 37.5889

Square

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



24.4547, 25.1618, 17.4777



20.1403, 25.1618, 25.8927



23.3844, 25.1618, 40.4990



28.1353, 25.1618, 28.9583

Rectangle

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



24.4547, 25.1618, 17.4777



21.3019, 25.1618, 19.7251



23.3844, 25.1618, 40.4990



26.7347, 25.1618, 36.8374

Sweetspot

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



24.4554, 25.1630, 17.4782



50.6940, 53.1185, 51.2966



22.1221, 18.7789, 21.9953



11.0851, 11.6062, 10.9998



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.



24.4554, 25.1630, 17.4782



41.9182, 42.7514, 26.2225



26.3305, 30.1774, 18.3473



6.5059, 6.8169, 6.5787



14.1359, 12.1542, 1.6009



0.2466, 0.2522, 0.0357

Inverse Universe

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



19.1466, 20.0924, 33.0062



30.8667, 32.1996, 58.5603



17.6390, 16.2342, 32.3409



6.0728, 6.4030, 7.8448



6.1121, 4.6209, 25.4775



0.1252, 0.1367, 0.3922

Previews

White Background



This preview shows how the XYZ color 24.4547, 25.1618, 17.4777 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 24.4547, 25.1618, 17.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

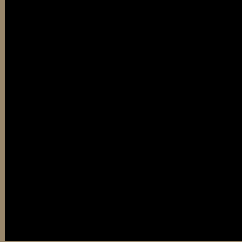
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4547, 25.1618, 17.4777

Background



This preview shows how black text looks on a background with the XYZ color 24.4547, 25.1618, 17.4777.



This preview shows how white text looks on a background with the XYZ color 24.4547, 25.1618,

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

24.4547, 25.1618, 17.4777

Protanopia

23.5065, 25.0850, 17.7903

Deuteranopia

25.6560, 25.1623, 17.6920



Tritanopia

26.6950, 25.0564, 28.6287

Trichromacy



Original Color

24.4547, 25.1618, 17.4777

Protanomaly

23.9054, 25.0806, 17.7684

Deuteranomaly

25.1949, 25.1269, 17.7094

Tritanomaly

25.9240, 25.1554, 24.2580

Monochromacy



Original Color

24.4547, 25.1618, 17.4777

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8977, 24.9543, 23.2958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4547, 25.1618, 17.4777 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, 135, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 107)  
}
```

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, 135, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.4547, 25.1618, 17.4777 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, 135, 107) }
```


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

```
.border{ border-color:rgb(153, 135, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4547, 25.1618, 17.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 107) }
```

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

```
.background{ background-color: rgb(153,  
135, 107) }
```

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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