

Converting Colors

XYZ(25.9511, 24.0335, 5.2775)

Have a look what the booklet for
XYZ(25.9511, 24.0335, 5.2775)
contains.

XYZ(25.9508, 24.0335, 5.2787)	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(25.9508, 24.0335,
5.2787)**

Conversions

Conversions Part 1

Format	Color
Hex	B27C28
RGB	178, 124, 40
RGB Percent	70%, 49%, 16%
CMY	0.3020, 0.5137, 0.8431
CMYK	0.00, 0.30, 0.78, 0.30
HSL	37°, 63%, 43%
HSV	37°, 78%, 70%
XYZ	25.9508, 24.0335, 5.2787
YIQ	130.5700, 59.1480, -14.6760

Conversions

Conversions Part 2

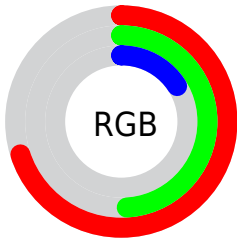
Format	Color
R _Y B	129, 178, 40
Decimal	11697192
CIE Lab	56.12, 13.50, 51.42
CIE LCh	56, 53.164, 75.287
Yxy	24.0335, 0.4696, 0.4349
Android (android.graphics.Color)	4289887272 (0xFFB27C28)
YUV	130.5700, -44.6510, 41.5961
Hunter-Lab	49.0240, 8.6969, 27.9327

Details

The XYZ color **25.9508, 24.0335, 5.2787** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.9136, 11.6706, 43.6913**, and the grayscale version is **21.5600, 22.6828, 24.7015**.

A 20% lighter version of the original color is **52.6736, 49.9831, 16.7690**, and **10.4012, 9.0971, 1.2077** is the 20% darker color. If you saturate the color by 10%, you get **24.8728, 22.2556, 3.7542**, and if you desaturate by 10%, it is **27.2310, 25.9929, 7.5587**.

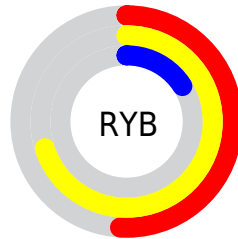
Distribution



Red (70%)

Green (49%)

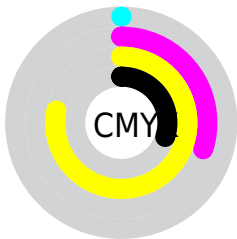
Blue (16%)



Red (51%)

Yellow (70%)

Blue (16%)

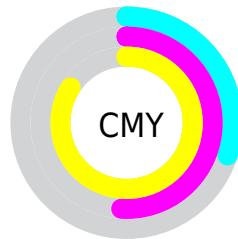


Cyan (0%)

Magenta (30%)

Yellow (78%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9508, 24.0335, 5.2787 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 25.9508, 24.0335, 5.2787 by changing the saturation by 10% instead.

■ 25.9508, 24.0335,
5.2787

■ 25.9508, 24.0335,
5.2787

274.8016,
272.9898, 161.5251

■ 16.9193, 15.3585,
2.3501

■ 52.6274, 50.0849,
16.8654

■ 10.2719, 9.0714,
0.7591

■ 71.0033, 68.2300,
26.3605

■ 5.6433, 4.7878,
0.0000

■ 93.2247, 90.3006,
38.8816

■ 2.6680, 2.1233,
0.0000

■ 119.6569,
116.6811, 54.8472

■ 0.9807, 0.6777,
0.0000

■ 150.6654,
147.7559, 74.6758

■ 0.0000, 0.0000,
0.0000

■ 186.6154,

183.9093, 98.7859

227.8724,
225.5258, 127.5962

■ 25.9508, 24.0335,
5.2787

■ 25.9508, 24.0335,
5.2787

■ 24.8728, 22.2556,
3.7542

■ 27.2310, 25.9929,
7.5587

■ 23.9682, 20.6428,
2.8476

■ 28.7298, 28.1394,
10.6826

■ 23.7598, 20.2646,
2.6592

■ 30.4637, 30.4824,
14.7279

■ 32.4466, 33.0294,
19.7628

■ 34.6913, 35.7873,
25.8492

■ 37.2097, 38.7626,
33.0436

■ 40.0126, 41.9615,
41.3986

■ 43.1105, 45.3896,
50.9635

■ 46.5131, 49.0526,
61.7846

Harmonies

Analogous

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



32.1205, 24.0335, 8.8292



25.9508, 24.0335, 5.2787



19.8904, 24.0335, 5.3087

Triad

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



25.9508, 24.0335, 5.2787



13.3005, 24.0335, 36.0529



32.2248, 24.0335, 57.5982

Complementary

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



25.9508, 24.0335, 5.2787



12.9136, 11.6706, 43.6913

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.



26.0745, 24.0335, 73.7334



25.9508, 24.0335, 5.2787



15.5500, 24.0335, 58.0016

Square

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



25.9508, 24.0335, 5.2787



13.2793, 24.0335, 18.5360



19.9940, 24.0335, 73.9072



36.1569, 24.0335, 35.6521

Rectangle

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



25.9508, 24.0335, 5.2787



16.7198, 24.0335, 7.2201



19.9940, 24.0335, 73.9072



30.3042, 24.0335, 64.2396

Sweetspot

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



25.9513, 24.0347, 5.2792



64.7349, 67.0774, 52.0129



21.1937, 11.8126, 12.0377



13.9903, 14.4412, 10.5315



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.



25.9513, 24.0347, 5.2792



43.9192, 38.2600, 5.5699



31.6545, 39.9077, 8.0424



8.9124, 9.3372, 8.9851



17.0631, 14.6247, 1.9235



0.5916, 0.5697, 0.0788

Inverse Universe

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



12.9136, 11.6706, 43.6913



19.4135, 15.1873, 78.2894



10.3055, 5.5110, 42.6398



8.3056, 8.7574, 10.7589



7.3586, 5.5175, 30.8141



0.2892, 0.2890, 0.9888

Previews

White Background



This preview shows how the XYZ color 25.9508, 24.0335, 5.2787 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 25.9508, 24.0335, 5.2787 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 25.9508, 24.0335, 5.2787

Background



This preview shows how black text looks on a background with the XYZ color 25.9508, 24.0335, 5.2787.



This preview shows how white text looks on a background with the XYZ color 25.9508, 24.0335,

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

25.9508, 24.0335, 5.2787

Protanopia

21.8625, 24.0817, 5.7814

Deuteranopia

24.4312, 24.0133, 5.1811



Tritanopia

29.4755, 24.0387, 22.4884

Trichromacy



Original Color

25.9508, 24.0335, 5.2787

Protanomaly

23.2322, 23.9768, 5.5940

Deuteranomaly

24.9688, 24.0959, 5.2544

Tritanomaly

27.6733, 23.8256, 13.7299

Monochromacy



Original Color

25.9508, 24.0335, 5.2787

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.1365, 22.6161, 14.7539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9508, 24.0335, 5.2787 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(178, 124, 40)` looks like.

```
.text, #text, p{  
    color:rgb(178, 124, 40)  
}
```

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(178, 124, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 124, 40) }
```

Border

The CSS property to change the border of an element to XYZ 25.9508, 24.0335, 5.2787 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(178, 124, 40) }
```


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

```
.border{ border-color:rgb(178, 124, 40) }
```

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

Here you see how a box with a 4 pixel rgb(178, 124, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 124, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 124, 40);  
box-shadow:4px 4px 4px 4px rgb(178, 124,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9508, 24.0335, 5.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 124, 40) }
```

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

```
.background{ background-color: rgb(178,  
124, 40) }
```

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