

Converting Colors

XYZ(25.6308, 23.8978, 4.0116)

Have a look what the booklet for
XYZ(25.6308, 23.8978, 4.0116)
contains.

XYZ(25.7126, 23.9382, 4.0244)	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(25.7126, 23.9382,
4.0244)**

Conversions

Conversions Part 1

Format	Color
Hex	B27C16
RGB	178, 124, 22
RGB Percent	70%, 49%, 9%
CMY	0.3020, 0.5137, 0.9137
CMYK	0.00, 0.30, 0.88, 0.30
HSL	39°, 78%, 39%
HSV	39°, 88%, 70%
XYZ	25.7126, 23.9382, 4.0244
YIQ	128.5180, 64.9260, -20.2740

Conversions

Conversions Part 2

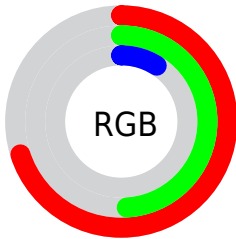
Format	Color
R_{YB}	105, 178, 22
Decimal	11697174
CIE Lab	56.03, 12.92, 57.56
CIE LCh	56, 58.993, 77.351
Yxy	23.9382, 0.4790, 0.4460
Android (android.graphics.Color)	4289887254 (0xFFB27C16)
YUV	128.5180, -52.5134, 43.3957
Hunter-Lab	48.9267, 8.1860, 29.3719

Details

The XYZ color **25.7126, 23.9382, 4.0244** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.9512, 8.5538, 43.1931**, and the grayscale version is **20.8601, 21.9465, 23.8997**.

A 20% lighter version of the original color is **52.1604, 49.7779, 14.0667**, and **10.2618, 9.0252, 1.2012** is the 20% darker color. If you saturate the color by 10%, you get **24.8431, 22.3942, 3.1339**, and if you desaturate by 10%, it is **26.7444, 25.6263, 5.5269**.

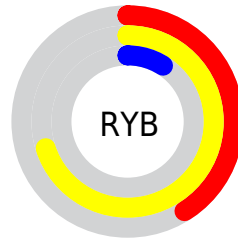
Distribution



Red (70%)

Green (49%)

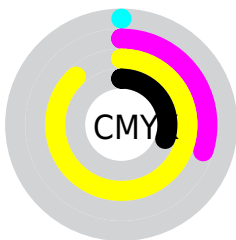
Blue (9%)



Red (41%)

Yellow (70%)

Blue (9%)

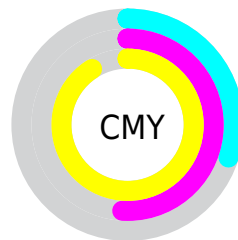


Cyan (0%)

Magenta (30%)

Yellow (88%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7126, 23.9382, 4.0244 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 25.7126, 23.9382, 4.0244 by changing the saturation by 10% instead.


 25.7126, 23.9382,
4.0244


 25.7126, 23.9382,
4.0244


273.6510,
272.5079, 148.4962


 16.7403, 15.2878,
1.6387


 52.2455, 49.9293,
14.0660

 10.1437, 9.0216,
0.3182


 70.5369, 68.0388,
22.5590

 5.5573, 4.7553,
0.0000

 92.6654, 90.0702,
33.9249

 2.6159, 2.1044,
0.0000

 118.9962,
116.4077, 48.5822

 0.9541, 0.6671,
0.0000

 149.8949,
147.4359, 66.9494

 0.0000, 0.0000,
0.0000

 185.7266,

183.5390, 89.4451

226.8569,
225.1016, 116.4879

25.7126, 23.9382,
4.0244

25.7126, 23.9382,
4.0244

24.8431, 22.3942,
3.1339

26.7444, 25.6263,
5.5269

24.6502, 22.0454,
2.9560

27.9640, 27.4670,
7.7783

29.3897, 29.4701,
10.8688

31.0369, 31.6430,
14.8755

32.9194, 33.9924,
19.8665

■ 35.0494, 36.5246,
25.9036

■ 37.4386, 39.2453,
33.0433

■ 40.0975, 42.1599,
41.3382

■ 43.0361, 45.2737,
50.8374

Harmonies

Analogous

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



32.7199, 23.9382, 7.1775



25.7126, 23.9382, 4.0244



19.0995, 23.9382, 4.2557

Triad

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



25.7126, 23.9382, 4.0244



12.4820, 23.9382, 38.7861



33.6880, 23.9382, 60.2005

Complementary

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



25.7126, 23.9382, 4.0244



10.9512, 8.5538, 43.1931

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.



26.8440, 23.9382, 80.0277



25.7126, 23.9382, 4.0244



15.0478, 23.9382, 64.0448

Square

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



25.7126, 23.9382, 4.0244



12.2984, 23.9382, 18.7472



20.0288, 23.9382, 81.7056



37.8997, 23.9382, 35.0744

Rectangle

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



25.7126, 23.9382, 4.0244



15.7558, 23.9382, 6.2832



20.0288, 23.9382, 81.7056



31.5637, 23.9382, 68.1484

Sweetspot

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



25.7131, 23.9394, 4.0249



64.0499, 66.8033, 48.4059



19.9726, 10.5692, 7.9353



13.8818, 14.4408, 9.8279



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.



25.7131, 23.9394, 4.0249



44.4794, 39.5331, 5.2863



29.5062, 38.8277, 6.6987



8.9445, 9.4015, 8.9958



17.6981, 15.8947, 2.1352



0.6088, 0.6039, 0.0845

Inverse Universe

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



10.9512, 8.5538, 43.1931



17.4647, 11.6133, 77.7023



9.4229, 4.3555, 42.4633



8.2745, 8.6952, 10.7486



7.0210, 4.8423, 30.7016



0.2767, 0.2640, 0.9846

Previews

White Background



This preview shows how the XYZ color 25.7126, 23.9382, 4.0244 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 25.7126, 23.9382, 4.0244 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 25.7126, 23.9382, 4.0244

Background



This preview shows how black text looks on a background with the XYZ color 25.7126, 23.9382, 4.0244.



This preview shows how white text looks on a background with the XYZ color 25.7126, 23.9382,

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

25.7126, 23.9382, 4.0244

Protanopia

21.7883, 24.0735, 4.4180

Deuteranopia

24.4143, 24.0314, 3.9678



Tritanopia

29.2973, 23.7840, 22.1154

Trichromacy



Original Color

25.7126, 23.9382, 4.0244

Protanomaly

22.9791, 23.8756, 4.2615

Deuteranomaly

24.9492, 24.1135, 4.0012

Tritanomaly

27.2548, 23.4687, 12.1103

Monochromacy



Original Color

25.7126, 23.9382, 4.0244

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.4675, 22.1200, 12.8110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7126, 23.9382, 4.0244 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(178, 124, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 124, 22) }
```

Border

The CSS property to change the border of an element to XYZ 25.7126, 23.9382, 4.0244 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, 22) }
```


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

```
.border{ border-color:rgb(178, 124, 22) }
```

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, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 124, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 124, 22);  
box-shadow:4px 4px 4px 4px rgb(178, 124,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7126, 23.9382, 4.0244 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, 22) }
```

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

```
.background{ background-color: rgb(178,  
124, 22) }
```

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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