

Converting Colors

XYZ(23.0544, 25.7661, 5.5920)

Have a look what the booklet for
XYZ(23.0544, 25.7661, 5.5920)
contains.

XYZ(23.0544, 25.7661, 5.5920)	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(23.0544, 25.7661,
5.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8C26
RGB	154, 140, 38
RGB Percent	60%, 55%, 15%
CMY	0.3961, 0.4510, 0.8510
CMYK	0.00, 0.09, 0.75, 0.40
HSL	53°, 60%, 38%
HSV	53°, 75%, 60%
XYZ	23.0544, 25.7661, 5.5920
YIQ	132.5580, 41.0860, -28.7540

Conversions

Conversions Part 2

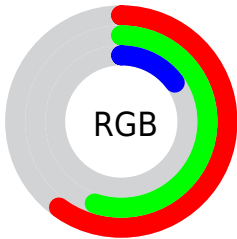
Format	Color
R _Y B	54, 154, 38
Decimal	10128422
CIE Lab	57.81, -6.34, 52.92
CIE LCh	58, 53.303, 96.833
Yxy	25.7661, 0.4237, 0.4735
Android (android.graphics.Color)	4288318502 (0xFF9A8C26)
YUV	132.5580, -46.6171, 18.8046
Hunter-Lab	50.7603, -7.7592, 29.0006

Details

The XYZ color **23.0544, 25.7661, 5.5920** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.8602, 5.2012, 31.1615**, and the grayscale version is **22.2878, 23.4485, 25.5354**.

A 20% lighter version of the original color is **47.8223, 52.7441, 17.5577**, and **8.8018, 9.9650, 1.4595** is the 20% darker color. If you saturate the color by 10%, you get **22.5865, 25.1491, 4.4538**, and if you desaturate by 10%, it is **23.6308, 26.4358, 7.2742**.

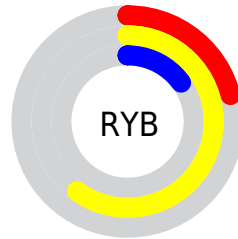
Distribution



Red (60%)

Green (55%)

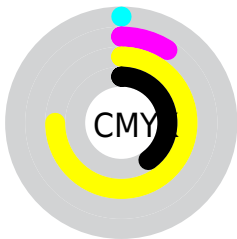
Blue (15%)



Red (21%)

Yellow (60%)

Blue (15%)

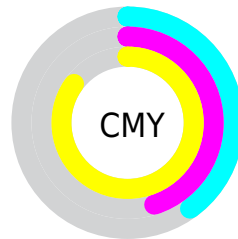


Cyan (0%)

Magenta (9%)

Yellow (75%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0544, 25.7661, 5.5920 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 23.0544, 25.7661, 5.5920 by changing the saturation by 10% instead.

■ 23.0544, 25.7661,
5.5920

■ 23.0544, 25.7661,
5.5920

260.5344,
281.6320, 164.5501

■ 14.7546, 16.6487,
2.5339

■ 47.9486, 52.8974,
17.5408

■ 8.7325, 9.9844,
0.8580

■ 65.2738, 71.6801,
27.2686

■ 4.6228, 5.3886,
0.0000

■ 86.3381, 94.4533,
40.0566

■ 2.0602, 2.4770,
0.0000

■ 111.5069,
121.6016, 56.3235

■ 0.6674, 0.8651,
0.0000

■ 141.1456,
153.5091, 76.4877

■ 0.0000, 0.0000,
0.0000

■ 175.6195,

190.5605, 100.9679

215.2940,
233.1400, 130.1825

■ 23.0544, 25.7661,
5.5920

■ 23.0544, 25.7661,
5.5920

■ 22.5865, 25.1491,
4.4538

■ 23.6308, 26.4358,
7.2742

■ 22.2106, 24.5753,
3.7797

■ 24.3254, 27.1591,
9.5585

■ 22.0489, 24.3150,
3.5312

■ 25.1487, 27.9413,
12.4972

■ 26.1093, 28.7859,
16.1365

■ 27.2153, 29.6962,
20.5184

■ 28.4741, 30.6750,
25.6816

■ 29.8925, 31.7253,
31.6623

■ 31.4770, 32.8496,
38.4941

■ 33.2336, 34.0503,
46.2090

Harmonies

Analogous

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



29.6583, 25.7661, 6.5239



23.0544, 25.7661, 5.5920



17.8273, 25.7661, 8.2420

Triad

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



23.0544, 25.7661, 5.5920



15.9003, 25.7661, 54.9376



37.6384, 25.7661, 44.3334

Complementary

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



23.0544, 25.7661, 5.5920



7.8602, 5.2012, 31.1615

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.



32.6347, 25.7661, 66.7840



23.0544, 25.7661, 5.5920



19.9598, 25.7661, 74.5442

Square

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



23.0544, 25.7661, 5.5920



14.1889, 25.7661, 32.4616



25.9838, 25.7661, 79.6281



38.8567, 25.7661, 24.0662

Rectangle

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



23.0544, 25.7661, 5.5920



15.5640, 25.7661, 12.8513



25.9838, 25.7661, 79.6281



36.3057, 25.7661, 52.0961

Sweetspot

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



23.0550, 25.7673, 5.5925



49.8430, 54.2669, 38.9092



14.6731, 8.5179, 4.2959



11.1164, 12.1511, 8.1396



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.0550, 25.7673, 5.5925



40.5715, 45.0018, 7.2165



18.5201, 26.6611, 6.0040



6.6453, 7.0957, 6.6252



17.9811, 19.8446, 2.8827



0.2844, 0.3279, 0.0483

Inverse Universe

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



7.8602, 5.2012, 31.1615



11.7158, 6.0459, 56.0858



9.8797, 5.4485, 31.1027



5.9416, 6.1405, 7.8011



4.9513, 2.2993, 25.0906



0.0877, 0.0618, 0.3797

Previews

White Background



This preview shows how the XYZ color 23.0544, 25.7661, 5.5920 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 23.0544, 25.7661, 5.5920 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 23.0544, 25.7661, 5.5920

Background



This preview shows how black text looks on a background with the XYZ color 23.0544, 25.7661, 5.5920.



This preview shows how white text looks on a background with the XYZ color 23.0544, 25.7661,

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

23.0544, 25.7661, 5.5920

Protanopia

23.2928, 25.6731, 5.5615

Deuteranopia

26.1071, 25.6613, 5.6750



Tritanopia

27.8243, 25.8371, 28.7199

Trichromacy



Original Color

23.0544, 25.7661, 5.5920

Protanomaly

23.1000, 25.5737, 5.5524

Deuteranomaly

24.9833, 25.6966, 5.6507

Tritanomaly

25.3219, 25.4206, 16.6688

Monochromacy



Original Color

23.0544, 25.7661, 5.5920

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9933, 24.1529, 15.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0544, 25.7661, 5.5920 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(154, 140, 38)` looks like.

```
.text, #text, p{  
    color:rgb(154, 140, 38)  
}
```

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(154, 140, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 140, 38) }
```

Border

The CSS property to change the border of an element to XYZ 23.0544, 25.7661, 5.5920 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(154, 140, 38) }
```


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

```
.border{ border-color:rgb(154, 140, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 140, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 140, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 140, 38);  
box-shadow:4px 4px 4px 4px rgb(154, 140,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0544, 25.7661, 5.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 140, 38) }
```

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

```
.background{ background-color: rgb(154,  
140, 38) }
```

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