

Converting Colors

XYZ(26.0324, 29.1896, 5.6735)

Have a look what the booklet for
XYZ(26.0324, 29.1896, 5.6735)
contains.

XYZ(25.9687, 29.0761, 5.6824)	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(25.9687, 29.0761,
5.6824)**

Conversions

Conversions Part 1

Format	Color
Hex	A39421
RGB	163, 148, 33
RGB Percent	64%, 58%, 13%
CMY	0.3608, 0.4196, 0.8706
CMYK	0.00, 0.09, 0.80, 0.36
HSL	53°, 66%, 38%
HSV	53°, 80%, 64%
XYZ	25.9687, 29.0761, 5.6824
YIQ	139.3750, 45.8550, -32.5850

Conversions

Conversions Part 2

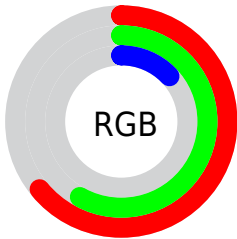
Format	Color
R_{YB}	50, 163, 33
Decimal	10720289
CIE _{Lab}	60.85, -6.80, 57.76
CIE _{LCh}	61, 58.157, 96.715
Yxy	29.0761, 0.4276, 0.4788
Android (android.graphics.Color)	4288910369 (0xFFA39421)
YUV	139.3750, -52.4429, 20.7191
Hunter-Lab	53.9223, -8.3992, 31.4975

Details

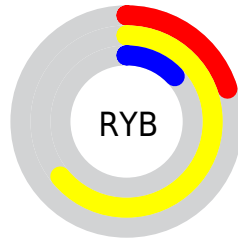
The XYZ color **25.9687, 29.0761, 5.6824** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.2952, 5.0817, 35.1939**, and the grayscale version is **24.8699, 26.1650, 28.4937**.

A 20% lighter version of the original color is **52.7008, 58.3178, 17.7114**, and **10.4311, 11.8612, 1.7397** is the 20% darker color. If you saturate the color by 10%, you get **25.5011, 28.4221, 4.6602**, and if you desaturate by 10%, it is **26.5530, 29.7867, 7.2895**.

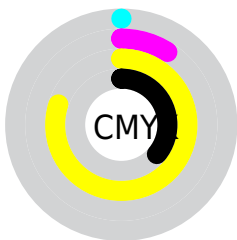
Distribution



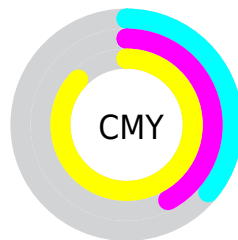
- Red (64%)
- Green (58%)
- Blue (13%)



- Red (20%)
- Yellow (64%)
- Blue (13%)



- Cyan (0%)
- Magenta (9%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9687, 29.0761, 5.6824 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 25.9687, 29.0761, 5.6824 by changing the saturation by 10% instead.

■ 25.9687, 29.0761,
5.6824

■ 25.9687, 29.0761,
5.6824

274.8879,
297.5739, 165.4086

■ 16.9328, 19.1384,
2.5873

■ 52.6561, 58.1980,
17.7342

■ 10.2816, 11.7703,
0.8859

■ 71.0383, 78.1509,
27.5279

■ 5.6497, 6.5875,
0.0000

■ 93.2667, 102.2111,
40.3917

■ 2.6719, 3.2055,
0.0000

■ 119.7065,
130.7629, 56.7439

■ 0.9827, 1.2399,
0.0000

■ 150.7232,
164.1906, 77.0031

■ 0.0000, 0.0940,
0.0000

■ 186.6821,

■ 0.0000, 0.0000,

202.8788, 101.5880

0.0000

227.9485,
247.2117, 130.9170

■ 25.9687, 29.0761,
5.6824

■ 25.9687, 29.0761,
5.6824

■ 25.5011, 28.4221,
4.6602

■ 26.5530, 29.7867,
7.2895

■ 25.1166, 27.8078,
4.0553

■ 27.2661, 30.5554,
9.5541

■ 25.1073, 27.7928,
4.0412

■ 28.1207, 31.3885,
12.5401

■ 29.1275, 32.2902,
16.3035

■ 30.2960, 33.2644,
20.8945

■ 31.6351, 34.3146,
26.3594

■ 33.1528, 35.4442,
32.7409

■ 34.8568, 36.6563,
40.0790

■ 36.7543, 37.9536,
48.4111

Harmonies

Analogous

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



33.7988, 29.0761, 6.7304



25.9687, 29.0761, 5.6824



19.8153, 29.0761, 8.6202

Triad

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



25.9687, 29.0761, 5.6824



17.5326, 29.0761, 63.6927



43.2786, 29.0761, 51.1633

Complementary

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



25.9687, 29.0761, 5.6824



8.2952, 5.0817, 35.1939

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.



37.2834, 29.0761, 78.2139



25.9687, 29.0761, 5.6824



22.2719, 29.0761, 87.4641

Square

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



25.9687, 29.0761, 5.6824



15.5538, 29.0761, 36.7876



29.3731, 29.0761, 93.7307



44.7594, 29.0761, 27.0305

Rectangle

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



25.9687, 29.0761, 5.6824



17.1663, 29.0761, 13.8490



29.3731, 29.0761, 93.7307



41.6774, 29.0761, 60.4912

Sweetspot

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



25.9694, 29.0775, 5.6830



55.4916, 60.5549, 42.4143



16.1852, 9.0893, 3.7162



12.2832, 13.4581, 8.7952



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9694, 29.0775, 5.6830



45.1255, 50.0206, 7.5197



20.2035, 29.8260, 6.1314



7.5794, 8.0971, 7.5435



19.5343, 21.6425, 3.1479



0.4289, 0.4916, 0.0723

Inverse Universe

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



8.2952, 5.0817, 35.1939



12.4595, 5.8183, 62.5225



10.7077, 5.5639, 35.1598



6.7632, 6.9855, 8.8949



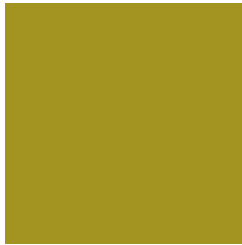
5.3347, 2.4489, 27.1213



0.1303, 0.0879, 0.5759

Previews

White Background



This preview shows how the XYZ color 25.9687, 29.0761, 5.6824 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 25.9687, 29.0761, 5.6824 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 25.9687, 29.0761, 5.6824

Background



This preview shows how black text looks on a background with the XYZ color 25.9687, 29.0761, 5.6824.



This preview shows how white text looks on a background with the XYZ color 25.9687, 29.0761,

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

25.9687, 29.0761, 5.6824

Protanopia

26.2253, 28.9766, 5.6497

Deuteranopia

29.5741, 28.9131, 5.7723



Tritanopia

31.5266, 29.1175, 32.3924

Trichromacy



Original Color

25.9687, 29.0761, 5.6824

Protanomaly

26.0181, 28.8698, 5.6400

Deuteranomaly

28.1229, 28.8205, 5.7497

Tritanomaly

28.6890, 28.8426, 17.9650

Monochromacy



Original Color

25.9687, 29.0761, 5.6824

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1860, 26.5620, 15.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9687, 29.0761, 5.6824 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(163, 148, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 33)  
}
```

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(163, 148, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 33) }
```

Border

The CSS property to change the border of an element to XYZ 25.9687, 29.0761, 5.6824 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(163, 148, 33) }
```


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

```
.border{ border-color:rgb(163, 148, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9687, 29.0761, 5.6824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 33) }
```

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

```
.background{ background-color: rgb(163,  
148, 33) }
```

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