

Converting Colors

XYZ(25.2647, 27.8445, 7.4743)

Have a look what the booklet for
XYZ(25.2647, 27.8445, 7.4743)
contains.

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Color

**XYZ(25.1363, 27.6864,
7.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	A09036
RGB	160, 144, 54
RGB Percent	63%, 56%, 21%
CMY	0.3726, 0.4353, 0.7882
CMYK	0.00, 0.10, 0.66, 0.37
HSL	51°, 50%, 42%
HSV	51°, 66%, 63%
XYZ	25.1363, 27.6864, 7.5092
YIQ	138.5240, 38.4260, -24.5980

Conversions

Conversions Part 2

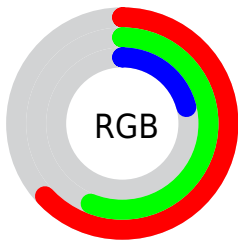
Format	Color
RYB	73, 160, 54
Decimal	10522678
CIELab	59.60, -4.94, 48.33
CIELCh	60, 48.586, 95.836
Yxy	27.6864, 0.4166, 0.4589
Android (android.graphics.Color)	4288712758 (0xFFA09036)
YUV	138.5240, -41.6703, 18.8345
Hunter-Lab	52.6179, -6.8093, 28.3711

Details

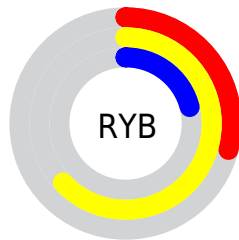
The XYZ color **25.1363, 27.6864, 7.5092** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.0566, 7.7025, 34.2142**, and the grayscale version is **24.5028, 25.7789, 28.0732**.

A 20% lighter version of the original color is **51.3592, 56.1598, 21.4976**, and **9.8284, 11.0087, 1.6069** is the 20% darker color. If you saturate the color by 10%, you get **24.4591, 26.8377, 5.7250**, and if you desaturate by 10%, it is **25.9462, 28.6029, 9.9482**.

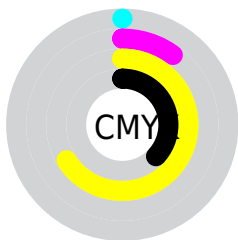
Distribution



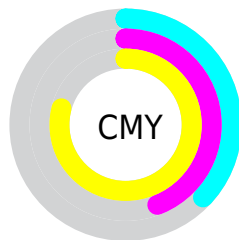
- Red (63%)
- Green (56%)
- Blue (21%)



- Red (29%)
- Yellow (63%)
- Blue (21%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (37%)



- Cyan (37%)
- Magenta (44%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1363, 27.6864, 7.5092 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 25.1363, 27.6864, 7.5092 by changing the saturation by 10% instead.

■ 25.1363, 27.6864,
7.5092

■ 25.1363, 27.6864,
7.5092

270.8512,
290.9654, 181.6185

■ 16.3079, 18.0894,
3.6993

■ 51.3196, 55.9834,
21.5206

■ 9.8345, 11.0142,
1.4619

■ 69.4051, 75.4521,
32.5591

■ 5.3508, 6.0764,
0.1893

■ 91.3071, 98.9803,
46.8443

■ 2.4914, 2.8916,
0.0000

■ 117.3909,
126.9522, 64.7946

■ 0.8909, 1.0754,
0.0000

■ 148.0219,
159.7522, 86.8287

■ 0.0000, 0.0000,
0.0000

■ 183.5653,

197.7649, 113.3650

224.3867,
241.3744, 144.8221

■ 25.1363, 27.6864,
7.5092

■ 25.1363, 27.6864,
7.5092

■ 24.4591, 26.8377,
5.7250

■ 25.9462, 28.6029,
9.9482

■ 23.9000, 26.0475,
4.5272

■ 26.8980, 29.5876,
13.0979

■ 23.4417, 25.3101,
3.8222

■ 28.0020, 30.6459,
17.0104

■ 23.2809, 25.0410,
3.6064

■ 29.2672, 31.7814,
21.7322

■ 30.7017, 32.9975,
27.3062

■ 32.3131, 34.2972,
33.7721

■ 34.1086, 35.6835,
41.1674

■ 36.0949, 37.1592,
49.5273

■ 38.2784, 38.7268,
58.8850

Harmonies

Analogous

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



31.4332, 27.6864, 8.6639



25.1363, 27.6864, 7.5092



20.0080, 27.6864, 10.2441

Triad

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



25.1363, 27.6864, 7.5092



17.8800, 27.6864, 54.5013



38.5810, 27.6864, 46.1568

Complementary

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



25.1363, 27.6864, 7.5092



10.0566, 7.7025, 34.2142

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.



33.8252, 27.6864, 66.5627



25.1363, 27.6864, 7.5092



21.7851, 27.6864, 72.5456

Square

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



25.1363, 27.6864, 7.5092



16.2568, 27.6864, 33.7050



27.5302, 27.6864, 77.6512



39.8468, 27.6864, 26.8464

Rectangle

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



25.1363, 27.6864, 7.5092



17.7281, 27.6864, 14.9019



27.5302, 27.6864, 77.6512



37.3050, 27.6864, 53.3140

Sweetspot

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



25.1369, 27.6877, 7.5098



54.6300, 58.9827, 45.2006



16.9753, 10.5757, 7.2210



11.8317, 12.8088, 9.3336



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.1369, 27.6877, 7.5098



43.9521, 48.1037, 9.3425



21.6456, 29.7428, 8.0904



7.0848, 7.5497, 7.0695



18.1610, 19.5576, 2.8178



0.3457, 0.3917, 0.0574

Inverse Universe

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



10.0566, 7.7025, 34.2142



14.6741, 9.3783, 61.4233



11.8165, 7.3171, 34.0471



6.3616, 6.5889, 8.3432



5.2211, 2.5338, 26.1211



0.1134, 0.0855, 0.4737

Previews

White Background



This preview shows how the XYZ color 25.1363, 27.6864, 7.5092 looks on a white background.

Color Contrast Check

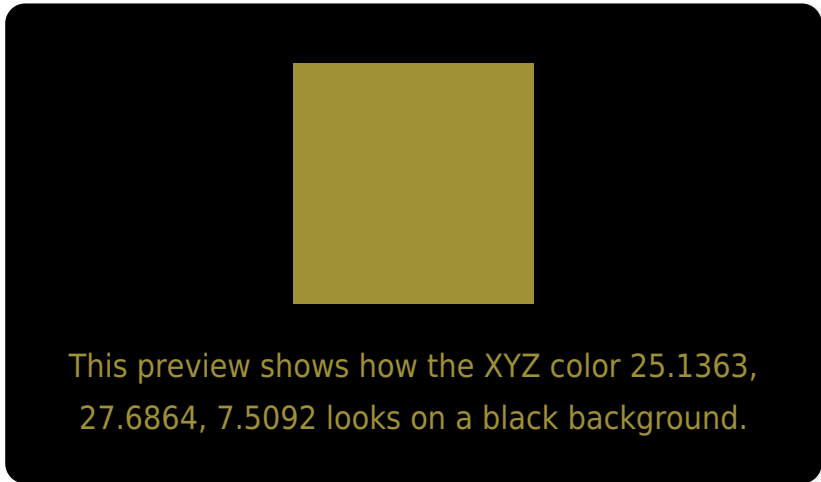
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 25.1363, 27.6864, 7.5092

Background



This preview shows how black text looks on a background with the XYZ color 25.1363, 27.6864, 7.5092.



This preview shows how white text looks on a background with the XYZ color 25.1363, 27.6864,

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

25.1363, 27.6864, 7.5092

Protanopia

25.1363, 27.6864, 7.5092

Deuteranopia

28.2499, 27.7606, 7.6108



Tritanopia

29.9233, 27.6971, 30.5570

Trichromacy



Original Color

25.1363, 27.6864, 7.5092

Protanomaly

25.1363, 27.6864, 7.5092

Deuteranomaly

27.0809, 27.8027, 7.5536

Tritanomaly

27.5302, 27.3461, 19.1566

Monochromacy



Original Color

25.1363, 27.6864, 7.5092

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2643, 26.3355, 17.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1363, 27.6864, 7.5092 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(160, 144, 54)` looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 54)  
}
```

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(160, 144, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 54) }
```

Border

The CSS property to change the border of an element to XYZ 25.1363, 27.6864, 7.5092 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(160, 144, 54) }
```


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

```
.border{ border-color:rgb(160, 144, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 54);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1363, 27.6864, 7.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 54) }
```

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

```
.background{ background-color: rgb(160,  
144, 54) }
```

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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