

Converting Colors

XYZ(6.9220, 10.7504, 5.0366)

Have a look what the booklet for
XYZ(6.9220, 10.7504, 5.0366)
contains.

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Color

**XYZ(6.9090, 10.6876,
5.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	346735
RGB	52, 103, 53
RGB Percent	20%, 40%, 21%
CMY	0.7961, 0.5961, 0.7922
CMYK	0.50, 0.00, 0.49, 0.60
HSL	121°, 33%, 30%
HSV	121°, 50%, 40%
XYZ	6.9090, 10.6876, 5.0669
YIQ	82.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

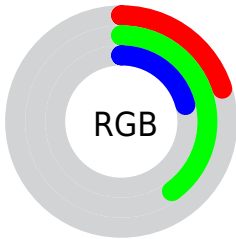
Format	Color
RYB	52, 102, 103
Decimal	3434293
CIELab	39.05, -28.61, 22.97
CIELCh	39, 36.693, 141.235
Yxy	10.6876, 0.3049, 0.4716
Android (android.graphics.Color)	4281624373 (0xFF346735)
YUV	82.0510, -14.3221, -26.3547
Hunter-Lab	32.6919, -19.4872, 13.6950

Details

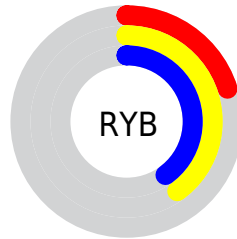
The XYZ color **6.9090, 10.6876, 5.0669** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.2201, 6.2990, 13.3005**, and the grayscale version is **8.0604, 8.4802, 9.2349**.

A 20% lighter version of the original color is **19.5498, 27.2071, 16.5330**, and **1.4100, 2.7499, 0.6862** is the 20% darker color. If you saturate the color by 10%, you get **6.2273, 10.3606, 3.9478**, and if you desaturate by 10%, it is **7.7559, 11.0948, 6.4499**.

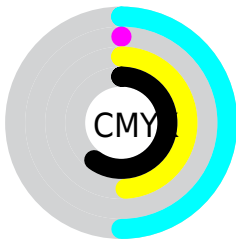
Distribution



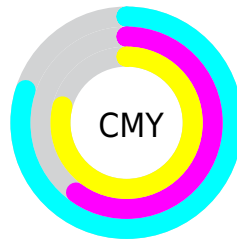
- Red (20%)
- Green (40%)
- Blue (21%)



- Red (20%)
- Yellow (40%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (49%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.9090, 10.6876, 5.0669 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 6.9090, 10.6876, 5.0669 by changing the saturation by 10% instead.

6.9090, 10.6876,
5.0669

6.9090, 10.6876,
5.0669

161.4666,
195.5116, 159.4338

3.4511, 5.8572,
2.2271

19.4964, 27.0810,
16.4039

1.3965, 2.7584,
0.6900

29.3567, 39.4128,
25.7382

0.2538, 1.0070,
0.0000

42.0817, 55.0139,
38.0745

0.0000, 0.0000,
0.0000

58.0369, 74.2685,
53.8312

77.5877, 97.5613,
73.4270

101.0993,

125.2764, 97.2803

128.9372,
157.7984, 125.8097

■ 6.9090, 10.6876,
5.0669

■ 6.9090, 10.6876,
5.0669

■ 6.2273, 10.3606,
3.9478

■ 7.7559, 11.0948,
6.4499

■ 5.6994, 10.1072,
3.0751

■ 8.7771, 11.5855,
8.1113

■ 5.3136, 9.9221,
2.4304


■ 9.9817, 12.1645,
10.0654


■ 5.0560, 9.7988,
1.9926


■ 11.3783, 12.8359,
12.3253


■ 4.8705, 9.7097,
1.6896

■ 12.9746, 13.6034,
14.9035

 4.8615, 9.7054,
1.6752

 14.7780, 14.4706,
17.8115

 16.7957, 15.4409,
21.0604

 19.0342, 16.5176,
24.6608

 21.5002, 17.7037,
28.6228

Harmonies

Analogous

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



8.5452, 10.6876, 3.0456



6.9090, 10.6876, 5.0669



6.1763, 10.6876, 9.6991

Triad

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



6.9090, 10.6876, 5.0669



9.4569, 10.6876, 30.7215



15.2144, 10.6876, 7.4012

Complementary

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



6.9090, 10.6876, 5.0669



9.2201, 6.2990, 13.3005

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.



15.5639, 10.6876, 13.8172



6.9090, 10.6876, 5.0669



11.9625, 10.6876, 29.2949

Square

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



6.9090, 10.6876, 5.0669



7.4840, 10.6876, 25.6513



14.2936, 10.6876, 22.2982



13.4039, 10.6876, 3.9669

Rectangle

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



6.9090, 10.6876, 5.0669



6.2016, 10.6876, 14.4695



14.2936, 10.6876, 22.2982



15.5171, 10.6876, 9.2006

Sweetspot

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



6.9093, 10.6880, 5.0671



18.8494, 22.2505, 19.6042



10.9671, 12.7825, 5.1381



4.5065, 5.3842, 4.6335



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



6.9093, 10.6880, 5.0671



11.0210, 18.4889, 6.8557



7.6544, 10.9861, 8.9910



2.7992, 3.1434, 3.0440



6.1146, 12.2095, 2.0991



31.8526, 63.6636, 10.7461

Inverse Universe

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



9.2201, 6.2990, 13.3005



15.6758, 9.6446, 23.4381



8.1490, 5.8706, 7.6604



2.9337, 2.8881, 3.5232



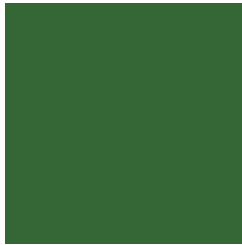
9.9898, 4.8089, 15.8765



52.0623, 25.0649, 82.5941

Previews

White Background



This preview shows how the XYZ color 6.9090, 10.6876, 5.0669 looks on a white background.

Color Contrast Check

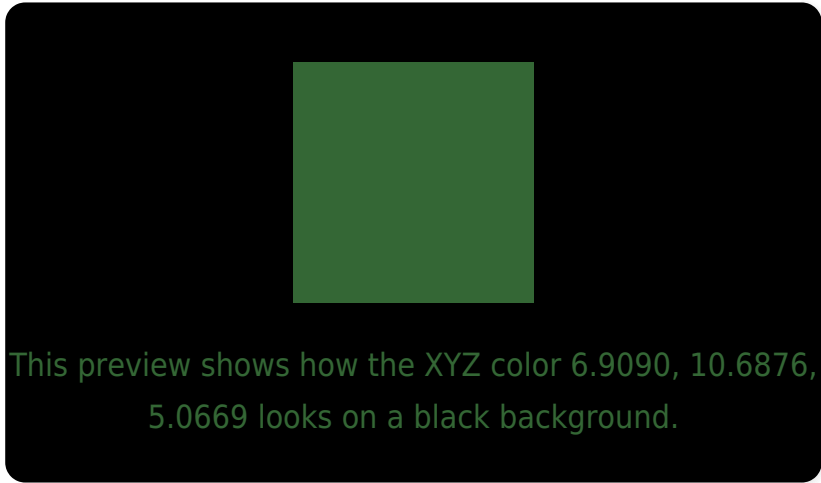
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 6.9090, 10.6876, 5.0669

Background



This preview shows how black text looks on a background with the XYZ color 6.9090, 10.6876, 5.0669.



This preview shows how white text looks on a background with the XYZ color 6.9090, 10.6876,

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

6.9090, 10.6876, 5.0669

Protanopia

9.7484, 10.6427, 4.4462

Deuteranopia

10.7023, 10.4913, 5.3318



Tritanopia

8.8744, 10.6261, 14.9479

Trichromacy



Original Color

6.9090, 10.6876, 5.0669

Protanomaly

8.3259, 10.4350, 4.5930

Deuteranomaly

8.8446, 10.2879, 5.2610

Tritanomaly

7.9452, 10.5254, 10.4169

Monochromacy



Original Color

6.9090, 10.6876, 5.0669

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.3920, 9.1069, 7.3294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.9090, 10.6876, 5.0669 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(52, 103, 53)` looks like.

```
.text, #text, p{  
    color:rgb(52, 103, 53)  
}
```

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(52, 103, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 103, 53) }
```

Border

The CSS property to change the border of an element to XYZ 6.9090, 10.6876, 5.0669 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(52, 103, 53) }
```


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

```
.border{ border-color:rgb(52, 103, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 103, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 103, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 103, 53);  
box-shadow:4px 4px 4px 4px rgb(52, 103,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 6.9090, 10.6876, 5.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 103, 53) }
```

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

```
.background{ background-color: rgb(52, 103,  
53) }
```

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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