

Converting Colors

XYZ(10.6424, 17.6410, 7.1191)

Have a look what the booklet for
XYZ(10.6424, 17.6410, 7.1191)
contains.

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Color

**XYZ(10.6424, 17.6410,
7.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	37843C
RGB	55, 132, 60
RGB Percent	22%, 52%, 24%
CMY	0.7843, 0.4823, 0.7647
CMYK	0.58, 0.00, 0.55, 0.48
HSL	124°, 41%, 37%
HSV	124°, 58%, 52%
XYZ	10.6424, 17.6410, 7.1191
YIQ	100.7690, -22.7800, -38.7160

Conversions

Conversions Part 2

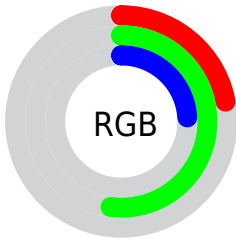
Format	Color
RYB	55, 127, 132
Decimal	3638332
CIELab	49.06, -39.43, 31.60
CIELCh	49, 50.527, 141.293
Yxy	17.6410, 0.3006, 0.4983
Android (android.graphics.Color)	4281828412 (0xFF37843C)
YUV	100.7690, -20.0991, -40.1394
Hunter-Lab	42.0012, -28.2732, 19.3513

Details

The XYZ color **10.6424, 17.6410, 7.1191** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.7131, 9.1704, 21.0735**, and the grayscale version is **12.3648, 13.0087, 14.1665**.

A 20% lighter version of the original color is **26.6259, 39.4731, 20.6837**, and **3.0088, 5.9114, 1.3303** is the 20% darker color. If you saturate the color by 10%, you get **9.7248, 17.2019, 5.5673**, and if you desaturate by 10%, it is **11.8305, 18.2118, 9.0817**.

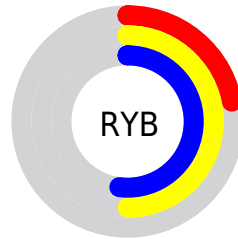
Distribution



Red (22%)

Green (52%)

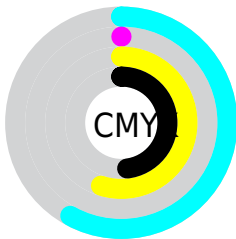
Blue (24%)



Red (22%)

Yellow (50%)

Blue (52%)

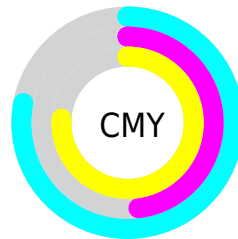


Cyan (58%)

Magenta (0%)

Yellow (55%)

Black (48%)



Cyan (78%)

Magenta (48%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6424, 17.6410, 7.1191 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 10.6424, 17.6410, 7.1191 by changing the saturation by 10% instead.

■ 10.6424, 17.6410,
7.1191

■ 10.6424, 17.6410,
7.1191

189.1569,
238.8397, 178.3180

■ 5.8924, 10.6926,
3.4571

■ 26.6358, 39.4246,
20.7293

■ 2.8198, 5.8605,
1.3325

■ 38.6100, 55.0286,
31.5147

■ 1.0592, 2.7604,
0.0882

■ 53.7230, 74.2866,
45.5116

■ 0.0000, 1.0080,
0.0000

■ 72.3401, 97.5829,
63.1386

■ 0.0000, 0.0000,
0.0000

■ 94.8266, 125.3020,
84.8141

■ 121.5481,

157.8282, 110.9569

152.8697,
195.5460, 141.9853

■ 10.6424, 17.6410,
7.1191

■ 10.6424, 17.6410,
7.1191

■ 9.7248, 17.2019,
5.5673

■ 11.8305, 18.2118,
9.0817

■ 9.0552, 16.8819,
4.3961

■ 13.3067, 18.9212,
11.4802

■ 8.6096, 16.6699,
3.5731

■ 15.0887, 19.7784,
14.3390

■ 8.3374, 16.5408,
3.0588

■ 17.1922, 20.7911,
17.6805

■ 8.2986, 16.5220,
2.9979

■ 19.6322, 21.9664,
21.5254

■ 22.4225, 23.3110,
25.8934

■ 25.5760, 24.8313,
30.8031

■ 29.1053, 26.5334,
36.2721

■ 33.0222, 28.4228,
42.3173

Harmonies

Analogous

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



13.6866, 17.6410, 3.7535



10.6424, 17.6410, 7.1191



9.3092, 17.6410, 15.5405

Triad

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



10.6424, 17.6410, 7.1191



15.4323, 17.6410, 57.9861



26.7090, 17.6410, 11.2399

Complementary

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



10.6424, 17.6410, 7.1191



14.7131, 9.1704, 21.0735

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.



27.4166, 17.6410, 23.4116



10.6424, 17.6410, 7.1191



20.2786, 17.6410, 54.9638

Square

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



10.6424, 17.6410, 7.1191



11.7141, 17.6410, 47.4181



24.8810, 17.6410, 40.4416



23.0976, 17.6410, 5.2383

Rectangle

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



10.6424, 17.6410, 7.1191



9.3572, 17.6410, 24.7526



24.8810, 17.6410, 40.4416



27.3182, 17.6410, 14.5602

Sweetspot

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



10.6428, 17.6417, 7.1195



30.2558, 36.6089, 31.1000



17.8663, 21.3801, 6.7995



6.8118, 8.4114, 6.8728



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.6428, 17.6417, 7.1195



16.7027, 30.0956, 9.0696



12.0013, 18.1851, 14.2729



4.6277, 5.2093, 5.0505



8.0356, 15.9971, 2.9068



0.0286, 0.0557, 0.0140

Inverse Universe

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



14.7131, 9.1704, 21.0735



24.5751, 13.6783, 36.0335



12.7130, 8.3704, 10.5408



4.8452, 4.7578, 5.7970



12.7018, 6.1451, 18.8000



0.0450, 0.0217, 0.0703

Previews

White Background



This preview shows how the XYZ color 10.6424, 17.6410, 7.1191 looks on a white background.

Color Contrast Check

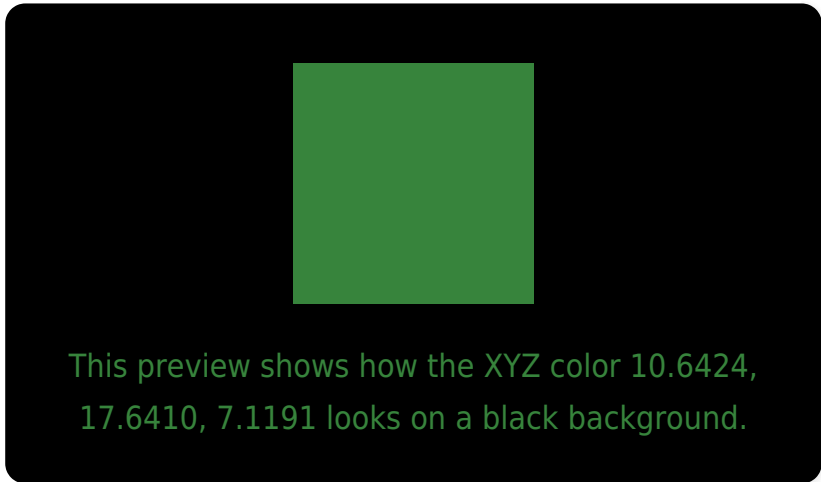
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 10.6424, 17.6410, 7.1191

Background



This preview shows how black text looks on a background with the XYZ color 10.6424, 17.6410, 7.1191.



This preview shows how white text looks on a background with the XYZ color 10.6424, 17.6410,

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

10.6424, 17.6410, 7.1191

Protanopia

15.8371, 17.3558, 6.1297

Deuteranopia

17.6523, 17.4249, 7.5872



Tritanopia

14.2584, 17.5530, 25.1908

Trichromacy



Original Color

10.6424, 17.6410, 7.1191

Protanomaly

13.0649, 16.9812, 6.4600

Deuteranomaly

13.9526, 16.8788, 7.3730

Tritanomaly

12.4900, 17.3985, 16.6099

Monochromacy



Original Color

10.6424, 17.6410, 7.1191

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.1300, 14.1450, 10.9477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6424, 17.6410, 7.1191 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(55, 132, 60)` looks like.

```
.text, #text, p{  
    color:rgb(55, 132, 60)  
}
```

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(55, 132, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 132, 60) }
```

Border

The CSS property to change the border of an element to XYZ 10.6424, 17.6410, 7.1191 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(55, 132, 60) }
```


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

```
.border{ border-color:rgb(55, 132, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 132, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 132, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 132, 60);  
box-shadow:4px 4px 4px 4px rgb(55, 132,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6424, 17.6410, 7.1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 132, 60) }
```

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

```
.background{ background-color: rgb(55, 132,  
60) }
```

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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