

Converting Colors

XYZ(7.3477, 12.8315, 6.4952)

Have a look what the booklet for
XYZ(7.3477, 12.8315, 6.4952)
contains.

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Color

**XYZ(7.3264, 12.7805,
6.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	17733D
RGB	23, 115, 61
RGB Percent	9%, 45%, 24%
CMY	0.9098, 0.5490, 0.7608
CMYK	0.80, 0.00, 0.47, 0.55
HSL	145°, 67%, 27%
HSV	145°, 80%, 45%
XYZ	7.3264, 12.7805, 6.4956
YIQ	81.3360, -37.4980, -36.2980

Conversions

Conversions Part 2

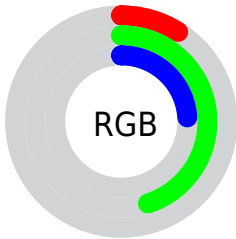
Format	Color
R_{YB}	23, 88, 115
Decimal	1536829
CIE _{Lab}	42.43, -39.06, 22.59
CIE _{LCh}	42, 45.128, 149.955
Yxy	12.7805, 0.2754, 0.4804
Android (android.graphics.Color)	4279726909 (0xFF17733D)
YUV	81.3360, -10.0256, -51.1607
Hunter-Lab	35.7498, -25.9812, 14.2521

Details

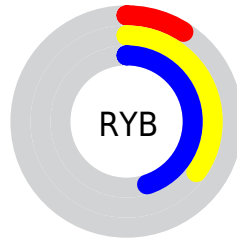
The XYZ color **7.3264, 12.7805, 6.4956** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.7167, 4.7938, 7.4879**, and the grayscale version is **7.9126, 8.3247, 9.0656**.

A 20% lighter version of the original color is **20.3302, 30.9484, 19.3701**, and **2.0494, 3.9369, 1.1822** is the 20% darker color. If you saturate the color by 10%, you get **6.9475, 12.6052, 5.5879**, and if you desaturate by 10%, it is **7.8432, 13.0249, 7.5299**.

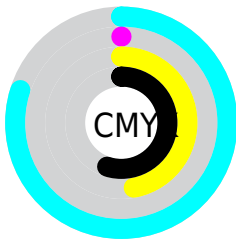
Distribution



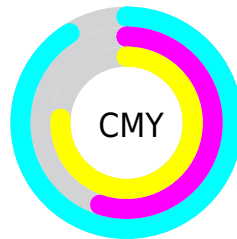
- Red (9%)
- Green (45%)
- Blue (24%)



- Red (9%)
- Yellow (35%)
- Blue (45%)



- Cyan (80%)
- Magenta (0%)
- Yellow (47%)
- Black (55%)





- Cyan (91%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.3264, 12.7805, 6.4956 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 7.3264, 12.7805, 6.4956 by changing the saturation by 10% instead.


 7.3264, 12.7805,
6.4956


 7.3264, 12.7805,
6.4956


164.8352,
209.5061, 172.8729


 3.7152, 7.2776,
3.0751


 20.3252, 30.9089,
19.4463


 1.5423, 3.6363,
1.1331

 30.4435, 44.3031,
29.8137


 0.3543, 1.4723,
0.0000

 43.4615, 61.0966,
43.3337

 0.0000, 0.2691,
0.0000

 59.7446, 81.6737,
60.4249

 0.0000, 0.0000,
0.0000

 79.6582, 106.4188,
81.5059

 103.5676,

135.7163, 106.9952

131.8381,
169.9506, 137.3113

■ 7.3264, 12.7805,
6.4956

■ 7.3264, 12.7805,
6.4956

■ 6.9475, 12.6052,
5.5879

■ 7.8432, 13.0249,
7.5299

■ 6.6542, 12.4712,
4.7991

■ 8.5109, 13.3440,
8.6947

■ 6.6541, 12.4712,
4.7988

■ 9.3419, 13.7445,
9.9949

■ 10.3471, 14.2319,
11.4348

■ 11.5364, 14.8112,
13.0185

■ 12.9188, 15.4869,
14.7500

■ 14.5029, 16.2635,
16.6330

■ 16.2966, 17.1450,
18.6712

■ 18.3075, 18.1351,
20.8682

Harmonies

Analogous

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



9.1700, 12.7805, 3.1879



7.3264, 12.7805, 6.4956



6.7178, 12.7805, 13.9012

Triad

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



7.3264, 12.7805, 6.4956



12.1424, 12.7805, 42.2451



18.7289, 12.7805, 6.5108

Complementary

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



7.3264, 12.7805, 6.4956



8.7167, 4.7938, 7.4879

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.



19.9173, 12.7805, 13.9304



7.3264, 12.7805, 6.4956



15.7084, 12.7805, 37.2210

Square

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



7.3264, 12.7805, 6.4956



9.1627, 12.7805, 37.1928



18.7221, 12.7805, 25.5360



15.7189, 12.7805, 3.1934

Rectangle

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



7.3264, 12.7805, 6.4956



6.9854, 12.7805, 21.3237



18.7221, 12.7805, 25.5360



19.3771, 12.7805, 8.4594

Sweetspot

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



7.3267, 12.7810, 6.4959



21.9418, 27.1488, 24.9418



9.4442, 13.9520, 3.0061



5.0679, 6.3953, 5.7403



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



7.3267, 12.7810, 6.4959



12.0273, 22.3849, 8.7905



9.0756, 13.4806, 15.7054



3.6975, 4.1210, 4.2411



7.5965, 14.2526, 5.4313



36.6135, 69.2927, 24.3336

Inverse Universe

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



8.7167, 4.7938, 7.4879



14.6055, 7.4093, 10.5118



7.6404, 4.3633, 1.8206



3.7657, 3.7336, 4.2928



9.2475, 4.6327, 6.5114



44.6303, 22.4022, 29.4463

Previews

White Background



This preview shows how the XYZ color 7.3264, 12.7805, 6.4956 looks on a white background.

Color Contrast Check

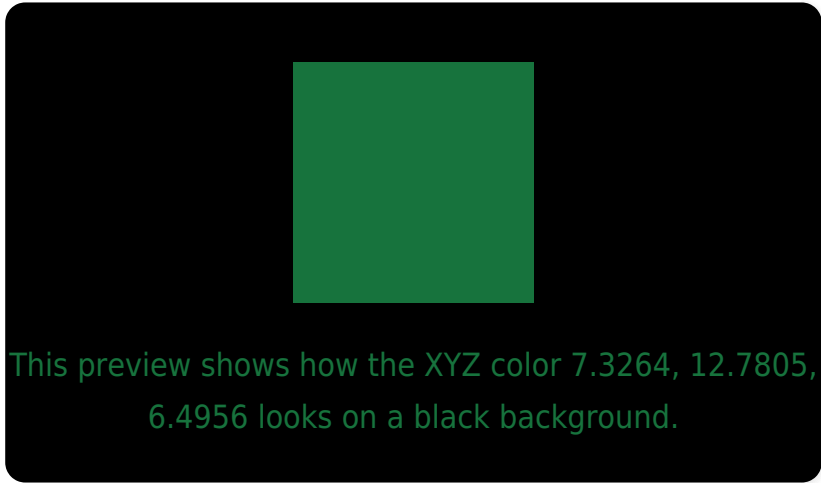
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.3264, 12.7805, 6.4956

Background



This preview shows how black text looks on a background with the XYZ color 7.3264, 12.7805, 6.4956.



This preview shows how white text looks on a background with the XYZ color 7.3264, 12.7805,

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

7.3264, 12.7805, 6.4956

Protanopia

11.6772, 12.7052, 5.4513

Deuteranopia

12.8213, 12.5708, 6.9049



Tritanopia

9.8984, 12.8500, 18.7882

Trichromacy



Original Color

7.3264, 12.7805, 6.4956

Protanomaly

8.9320, 12.0183, 5.7199

Deuteranomaly

9.4231, 11.8042, 6.6323

Tritanomaly

8.6788, 12.6633, 13.2961

Monochromacy



Original Color

7.3264, 12.7805, 6.4956

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

7.0139, 9.2838, 7.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.3264, 12.7805, 6.4956 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(23, 115, 61)` looks like.

```
.text, #text, p{  
    color:rgb(23, 115, 61)  
}
```

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(23, 115, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 115, 61) }
```

Border

The CSS property to change the border of an element to XYZ 7.3264, 12.7805, 6.4956 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(23, 115, 61) }
```


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

```
.border{ border-color:rgb(23, 115, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 115, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 115, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 115, 61);  
box-shadow:4px 4px 4px 4px rgb(23, 115,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 7.3264, 12.7805, 6.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 115, 61) }
```

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

```
.background{ background-color: rgb(23, 115,  
61) }
```

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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