

Converting Colors

XYZ(17.2476, 20.1663, 7.0719)

Have a look what the booklet for
XYZ(17.2476, 20.1663, 7.0719)
contains.

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Color

**XYZ(17.2610, 20.2661,
7.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	7F803B
RGB	127, 128, 59
RGB Percent	50%, 50%, 23%
CMY	0.5020, 0.4980, 0.7686
CMYK	0.01, 0.00, 0.54, 0.50
HSL	61°, 37%, 37%
HSV	61°, 54%, 50%
XYZ	17.2610, 20.2661, 7.1397
YIQ	119.8350, 21.5530, -21.6710

Conversions

Conversions Part 2

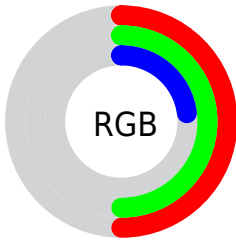
Format	Color
RYB	59, 128, 60
Decimal	8355899
CIELab	52.14, -10.55, 36.83
CIElCh	52, 38.307, 105.979
Yxy	20.2661, 0.3864, 0.4537
Android (android.graphics.Color)	4286545979 (0xFF7F803B)
YUV	119.8350, -29.9917, 6.2837
Hunter-Lab	45.0179, -10.3399, 22.1093

Details

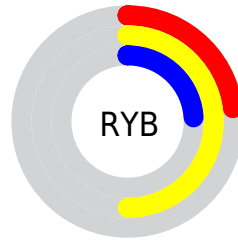
The XYZ color **17.2610, 20.2661, 7.1397** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.3244, 5.6476, 21.1273**, and the grayscale version is **17.8883, 18.8198, 20.4948**.

A 20% lighter version of the original color is **38.2867, 43.9542, 20.6534**, and **5.8258, 7.1482, 1.3311** is the 20% darker color. If you saturate the color by 10%, you get **16.9414, 20.1358, 5.5994**, and if you desaturate by 10%, it is **17.6630, 20.4309, 9.1098**.

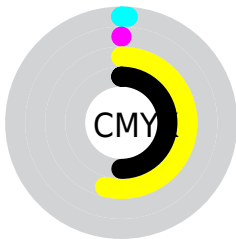
Distribution



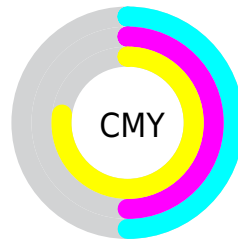
- Red (50%)
- Green (50%)
- Blue (23%)



- Red (23%)
- Yellow (50%)
- Blue (24%)



- Cyan (1%)
- Magenta (0%)
- Yellow (54%)
- Black (50%)



- Cyan (50%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2610, 20.2661, 7.1397 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 17.2610, 20.2661, 7.1397 by changing the saturation by 10% instead.

■ 17.2610, 20.2661,
7.1397

■ 17.2610, 20.2661,
7.1397

■ 229.7990,
253.3520, 178.4942

■ 10.5172, 12.5886,
3.4699

■ 38.3140, 43.8629,
20.7713

■ 5.8081, 7.1459,
1.3393

■ 53.3540, 60.5510,
31.5702

■ 2.7683, 3.5535,
0.0936

■ 71.8900, 81.0114,
45.5825

■ 1.0324, 1.4271,
0.0000

■ 94.2875, 105.6285,
63.2268

■ 0.0000, 0.2366,
0.0000

■ 120.9118,
134.7867, 84.9215

■ 0.0000, 0.0000,
0.0000

■ 152.1282,

168.8705, 111.0853

188.3022,
208.2641, 142.1367

■ 17.2610, 20.2661,
7.1397

■ 17.2610, 20.2661,
7.1397

■ 16.9414, 20.1358,
5.5994

■ 17.6630, 20.4309,
9.1098

■ 16.6968, 20.0348,
4.4556

■ 18.1515, 20.6295,
11.5370

■ 16.5208, 19.9612,
3.6724

■ 18.7319, 20.8648,
14.4481

■ 16.4043, 19.9114,
3.2027

■ 19.4089, 21.1388,
17.8673

■ 16.3448, 19.8856,
2.9769

■ 20.1867, 21.4532,
21.8171

■ 21.0693, 21.8095,
26.3188

■ 22.0606, 22.2092,
31.3926

■ 23.1642, 22.6539,
37.0575

■ 24.3836, 23.1449,
43.3316

Harmonies

Analogous

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



21.1468, 20.2661, 7.0501



17.2610, 20.2661, 7.1397



14.3348, 20.2661, 10.2079

Triad

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



17.2610, 20.2661, 7.1397



14.4849, 20.2661, 41.5131



27.5396, 20.2661, 27.7203

Complementary

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



17.2610, 20.2661, 7.1397



7.3244, 5.6476, 21.1273

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.



25.2066, 20.2661, 40.7232



17.2610, 20.2661, 7.1397



17.4933, 20.2661, 50.3342

Square

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



17.2610, 20.2661, 7.1397



12.8868, 20.2661, 28.5582



21.4126, 20.2661, 50.0041



27.4551, 20.2661, 16.6414

Rectangle

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



17.2610, 20.2661, 7.1397



13.1654, 20.2661, 14.3939



21.4126, 20.2661, 50.0041



26.9997, 20.2661, 32.0716

Sweetspot

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



17.2615, 20.2670, 7.1401



33.8608, 37.0909, 29.8889



11.2561, 8.0334, 5.0953



7.8791, 8.6643, 6.7518



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.2615, 20.2670, 7.1401



29.7026, 35.3993, 9.2719



13.0743, 18.1085, 6.9442



4.6594, 5.0164, 4.6428



16.2062, 19.7170, 2.9516



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.3244, 5.6476, 21.1273



10.2118, 6.7190, 36.7149



10.0258, 7.0402, 21.2537



4.1142, 4.2145, 5.4099



3.8866, 1.5573, 20.3457



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2610, 20.2661, 7.1397 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 17.2610, 20.2661, 7.1397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

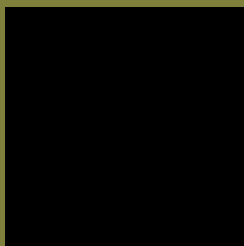
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2610, 20.2661, 7.1397

Background



This preview shows how black text looks on a background with the XYZ color 17.2610, 20.2661, 7.1397.



This preview shows how white text looks on a background with the XYZ color 17.2610, 20.2661,

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

17.2610, 20.2661, 7.1397

Protanopia

18.4526, 20.1241, 6.9148

Deuteranopia

20.4848, 20.0770, 7.3530



Tritanopia

20.5773, 20.1130, 23.9167

Trichromacy



Original Color

17.2610, 20.2661, 7.1397

Protanomaly

17.9289, 20.0411, 6.9263

Deuteranomaly

19.3034, 20.1853, 7.2936

Tritanomaly

18.9417, 19.9907, 15.9570

Monochromacy



Original Color

17.2610, 20.2661, 7.1397

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4559, 19.2587, 14.3526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2610, 20.2661, 7.1397 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(127, 128, 59)` looks like.

```
.text, #text, p{  
    color:rgb(127, 128, 59)  
}
```

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(127, 128, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 128, 59) }
```

Border

The CSS property to change the border of an element to XYZ 17.2610, 20.2661, 7.1397 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(127, 128, 59) }
```


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

```
.border{ border-color:rgb(127, 128, 59) }
```

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

Here you see how a box with a 4 pixel rgb(127, 128, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 128, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 128, 59);  
box-shadow:4px 4px 4px 4px rgb(127, 128,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2610, 20.2661, 7.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 128, 59) }
```

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

```
.background{ background-color: rgb(127,  
128, 59) }
```

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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