

Converting Colors

XYZ(17.0988, 20.7998, 6.3017)

Have a look what the booklet for
XYZ(17.0988, 20.7998, 6.3017)
contains.

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Color

**XYZ(17.0260, 20.7567,
6.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8333
RGB	124, 131, 51
RGB Percent	49%, 51%, 20%
CMY	0.5137, 0.4863, 0.8000
CMYK	0.05, 0.00, 0.61, 0.49
HSL	65°, 44%, 36%
HSV	65°, 61%, 51%
XYZ	17.0260, 20.7567, 6.2410
YIQ	119.7870, 21.5080, -26.3640

Conversions

Conversions Part 2

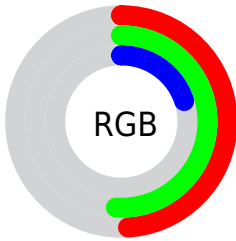
Format	Color
RYB	51, 131, 58
Decimal	8160051
CIELab	52.68, -14.19, 41.30
CIELCh	53, 43.673, 108.957
Yxy	20.7567, 0.3867, 0.4715
Android (android.graphics.Color)	4286350131 (0xFF7C8333)
YUV	119.7870, -33.9120, 3.6948
Hunter-Lab	45.5595, -13.0221, 23.7698

Details

The XYZ color **17.0260, 20.7567, 6.2410** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **7.0262, 4.9063, 22.0507**, and the grayscale version is **17.8851, 18.8165, 20.4911**.

A 20% lighter version of the original color is **37.8496, 44.6855, 18.9422**, and **5.6898, 7.4123, 1.1308** is the 20% darker color. If you saturate the color by 10%, you get **16.6124, 20.5730, 4.9208**, and if you desaturate by 10%, it is **17.5240, 20.9759, 7.9909**.

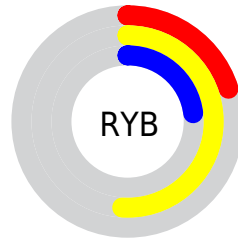
Distribution



Red (49%)

Green (51%)

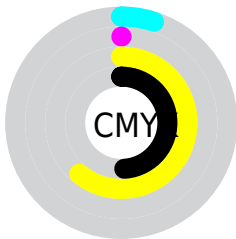
Blue (20%)



Red (20%)

Yellow (51%)

Blue (23%)

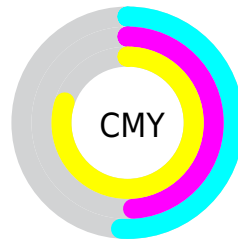


Cyan (5%)

Magenta (0%)

Yellow (61%)

Black (49%)



Cyan (51%)

Magenta (49%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0260, 20.7567, 6.2410 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 17.0260, 20.7567, 6.2410 by changing the saturation by 10% instead.

■ 17.0260, 20.7567,
6.2410

■ 17.0260, 20.7567,
6.2410

■ 228.4755,
255.9827, 170.5832

■ 10.3484, 12.9463,
2.9210

■ 37.9137, 44.6823,
18.9153

■ 5.6946, 7.3916,
1.0544

■ 52.8546, 61.5662,
29.1068

■ 2.6992, 3.7082,
0.0000

■ 71.2806, 82.2434,
42.4258

■ 0.9968, 1.5117,
0.0000

■ 93.5572, 107.0983,
59.2909

■ 0.0000, 0.2969,
0.0000

■ 120.0496,
136.5153, 80.1207

■ 0.0000, 0.0000,
0.0000

■ 151.1232,

170.8787, 105.3336

187.1434,
210.5731, 135.3483

■ 17.0260, 20.7567,
6.2410

■ 17.0260, 20.7567,
6.2410

■ 16.6124, 20.5730,
4.9208

■ 17.5240, 20.9759,
7.9909

■ 16.2746, 20.4190,
3.9920

■ 18.1110, 21.2302,
10.2020

■ 16.0048, 20.2925,
3.4116

■ 18.7933, 21.5228,
12.9044

■ 15.7981, 20.1934,
3.0651

■ 19.5759, 21.8558,
16.1252

■ 20.4637, 22.2311,
19.8895

■ 21.4612, 22.6505,
24.2209

■ 22.5724, 23.1156,
29.1414

■ 23.8015, 23.6280,
34.6721

■ 25.1522, 24.1894,
40.8328

Harmonies

Analogous

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



21.4488, 20.7567, 5.8699



17.0260, 20.7567, 6.2410



13.8489, 20.7567, 9.8364

Triad

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



17.0260, 20.7567, 6.2410



14.5329, 20.7567, 47.1925



29.5989, 20.7567, 27.7367

Complementary

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



17.0260, 20.7567, 6.2410



7.0262, 4.9063, 22.0507

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.



27.0737, 20.7567, 43.3172



17.0260, 20.7567, 6.2410



18.1030, 20.7567, 57.0989

Square

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



17.0260, 20.7567, 6.2410



12.5695, 20.7567, 31.7358



22.7031, 20.7567, 55.4581



29.1920, 20.7567, 15.4117

Rectangle

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



17.0260, 20.7567, 6.2410



12.6502, 20.7567, 14.7582



22.7031, 20.7567, 55.4581



29.0510, 20.7567, 32.8209

Sweetspot

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



17.0265, 20.7576, 6.2414



35.4574, 39.3076, 30.5668



11.4546, 8.0574, 4.0837



8.1650, 9.1134, 6.7379



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.



17.0265, 20.7576, 6.2414



29.5137, 36.7339, 8.1330



12.4007, 18.3730, 6.0249



5.0006, 5.4029, 5.0087



15.5511, 19.8768, 3.0170



0.0568, 0.0704, 0.0106

Inverse Universe

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



7.0262, 4.9063, 22.0507



10.0086, 5.7700, 39.0394



10.2823, 6.5849, 22.2031



4.4695, 4.5626, 5.8459



4.1758, 1.6869, 21.2422



0.0168, 0.0070, 0.0737

Previews

White Background



This preview shows how the XYZ color 17.0260, 20.7567, 6.2410 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 17.0260, 20.7567, 6.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

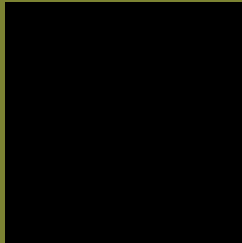
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0260, 20.7567, 6.2410

Background



This preview shows how black text looks on a background with the XYZ color 17.0260, 20.7567, 6.2410.



This preview shows how white text looks on a background with the XYZ color 17.0260, 20.7567,

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

17.0260, 20.7567, 6.2410

Protanopia

18.8518, 20.7274, 6.0248

Deuteranopia

20.9730, 20.5279, 6.3469



Tritanopia

20.7635, 20.7374, 24.7382

Trichromacy



Original Color

17.0260, 20.7567, 6.2410

Protanomaly

18.1264, 20.7370, 6.0649

Deuteranomaly

19.2272, 20.3523, 6.2832

Tritanomaly

18.9623, 20.5681, 15.8026

Monochromacy



Original Color

17.0260, 20.7567, 6.2410

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.1584, 19.3065, 13.6487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0260, 20.7567, 6.2410 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(124, 131, 51)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 51)  
}
```

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(124, 131, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 51) }
```

Border

The CSS property to change the border of an element to XYZ 17.0260, 20.7567, 6.2410 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(124, 131, 51) }
```


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

```
.border{ border-color:rgb(124, 131, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 51);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0260, 20.7567, 6.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 51) }
```

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

```
.background{ background-color: rgb(124,  
131, 51) }
```

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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