

Converting Colors

XYZ(17.3497, 20.6946, 8.2053)

Have a look what the booklet for
XYZ(17.3497, 20.6946, 8.2053)
contains.

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Color

**XYZ(17.2782, 20.6437,
8.2282)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8242
RGB	124, 130, 66
RGB Percent	49%, 51%, 26%
CMY	0.5137, 0.4902, 0.7412
CMYK	0.05, 0.00, 0.49, 0.49
HSL	66°, 33%, 38%
HSV	66°, 49%, 51%
XYZ	17.2782, 20.6437, 8.2282
YIQ	120.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

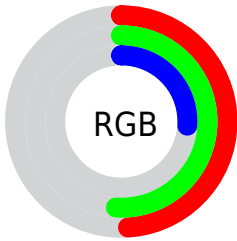
Format	Color
RYB	66, 130, 72
Decimal	8159810
CIELab	52.56, -12.26, 33.65
CIElCh	53, 35.812, 110.027
Yxy	20.6437, 0.3744, 0.4473
Android (android.graphics.Color)	4286349890 (0xFF7C8242)
YUV	120.9100, -27.0706, 2.7099
Hunter-Lab	45.4353, -11.6317, 21.0675

Details

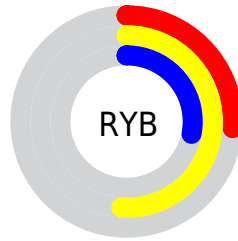
The XYZ color **17.2782, 20.6437, 8.2282** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6507, 6.8863, 21.9936**, and the grayscale version is **18.2262, 19.1753, 20.8820**.

A 20% lighter version of the original color is **38.4460, 44.5929, 23.1040**, and **5.8076, 7.3483, 1.7284** is the 20% darker color. If you saturate the color by 10%, you get **16.7628, 20.4180, 6.4259**, and if you desaturate by 10%, it is **17.8840, 20.9072, 10.4904**.

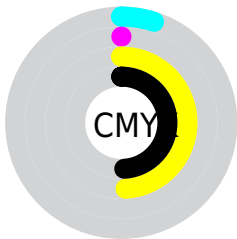
Distribution



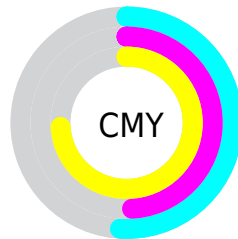
- Red (49%)
- Green (51%)
- Blue (26%)



- Red (26%)
- Yellow (51%)
- Blue (28%)



- Cyan (5%)
- Magenta (0%)
- Yellow (49%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2782, 20.6437, 8.2282 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 17.2782, 20.6437, 8.2282 by changing the saturation by 10% instead.

■ 17.2782, 20.6437,
8.2282

■ 17.2782, 20.6437,
8.2282

229.8956,
255.3788, 187.5120

■ 10.5296, 12.8638,
4.1515

■ 38.3433, 44.4938,
22.9581

■ 5.8164, 7.3348,
1.7088

■ 53.3905, 61.3328,
34.4484

■ 2.7734, 3.6724,
0.3667

■ 71.9345, 81.9603,
49.2469

■ 1.0351, 1.4920,
0.0000

■ 94.3408, 106.7606,
67.7722

■ 0.0000, 0.2831,
0.0000

■ 120.9747,
136.1183, 90.4428

■ 0.0000, 0.0000,
0.0000

152.2016,

170.4176, 117.6773

188.3868,
210.0430, 149.8942

■ 17.2782, 20.6437,
8.2282

■ 17.2782, 20.6437,
8.2282

■ 16.7628, 20.4180,
6.4259

■ 17.8840, 20.9072,
10.4904

■ 16.3302, 20.2250,
5.0507

■ 18.5840, 21.2080,
13.2398

■ 15.9741, 20.0629,
4.0675

■ 19.3838, 21.5489,
16.5030

■ 15.6869, 19.9285,
3.4353

■ 20.2880, 21.9318,
20.3044

■ 15.4466, 19.8131,
3.0389

■ 21.3009, 22.3585,
24.6668

■ 15.4284, 19.8044,
3.0095

■ 22.4266, 22.8305,
29.6117

■ 23.6690, 23.3495,
35.1595

■ 25.0318, 23.9169,
41.3295

■ 26.5185, 24.5341,
48.1402

Harmonies

Analogous

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



20.8827, 20.6437, 7.7630



17.2782, 20.6437, 8.2282



14.6464, 20.6437, 11.7416

Triad

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



17.2782, 20.6437, 8.2282



15.3860, 20.6437, 42.0505



27.5189, 20.6437, 26.2044

Complementary

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



17.2782, 20.6437, 8.2282



8.6507, 6.8863, 21.9936

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.



25.6115, 20.6437, 38.3224



17.2782, 20.6437, 8.2282



18.4116, 20.6437, 49.2000

Square

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



17.2782, 20.6437, 8.2282



13.6532, 20.6437, 30.2251



22.1670, 20.6437, 47.6542



27.1155, 20.6437, 16.1817

Rectangle

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



17.2782, 20.6437, 8.2282



13.6513, 20.6437, 16.1964



22.1670, 20.6437, 47.6542



27.1184, 20.6437, 30.2029

Sweetspot

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



17.2787, 20.6446, 8.2286



34.7318, 38.2007, 31.5514



12.4645, 9.6887, 6.3677



7.7997, 8.6204, 6.8835



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.



17.2787, 20.6446, 8.2286



29.4277, 35.9154, 11.0121



13.4473, 18.6695, 8.0493



4.6269, 4.9996, 4.6413



14.7956, 18.9898, 2.8856



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.6507, 6.8863, 21.9936



12.3921, 8.7281, 38.2240



11.6099, 8.4119, 22.1320



4.1434, 4.2295, 5.4113



4.0145, 1.6232, 20.3517



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.2782, 20.6437, 8.2282 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 17.2782, 20.6437, 8.2282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

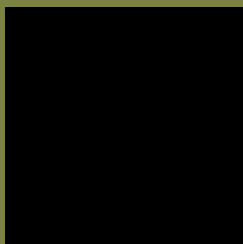
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2782, 20.6437, 8.2282

Background



This preview shows how black text looks on a background with the XYZ color 17.2782, 20.6437, 8.2282.



This preview shows how white text looks on a background with the XYZ color 17.2782, 20.6437,

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

17.2782, 20.6437, 8.2282

Protanopia

18.7403, 20.4407, 7.8082

Deuteranopia

20.8079, 20.3956, 8.4703



Tritanopia

20.6079, 20.6572, 24.7309

Trichromacy



Original Color

17.2782, 20.6437, 8.2282

Protanomaly

18.2164, 20.5469, 8.0069

Deuteranomaly

19.2817, 20.3341, 8.3775

Tritanomaly

19.0697, 20.5936, 17.1572

Monochromacy



Original Color

17.2782, 20.6437, 8.2282

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.5827, 19.4925, 15.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2782, 20.6437, 8.2282 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, 130, 66)` looks like.

```
.text, #text, p{  
    color:rgb(124, 130, 66)  
}
```

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, 130, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 130, 66) }
```

Border

The CSS property to change the border of an element to XYZ 17.2782, 20.6437, 8.2282 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, 130, 66) }
```


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

```
.border{ border-color:rgb(124, 130, 66) }
```

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

Here you see how a box with a 4 pixel rgb(124, 130, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 130, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 130, 66);  
box-shadow:4px 4px 4px 4px rgb(124, 130,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2782, 20.6437, 8.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 130, 66) }
```

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

```
.background{ background-color: rgb(124,  
130, 66) }
```

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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