

Converting Colors

XYZ(17.1534, 20.6351, 13.1284)

Have a look what the booklet for
XYZ(17.1534, 20.6351, 13.1284)
contains.

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Color

**XYZ(17.2505, 20.7183,
13.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	74835C
RGB	116, 131, 92
RGB Percent	45%, 51%, 36%
CMY	0.5451, 0.4863, 0.6392
CMYK	0.11, 0.00, 0.30, 0.49
HSL	83°, 17%, 44%
HSV	83°, 30%, 51%
XYZ	17.2505, 20.7183, 13.2150
YIQ	122.0690, 3.5790, -15.3090

Conversions

Conversions Part 2

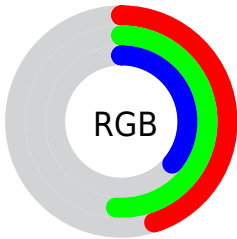
Format	Color
RYB	92, 131, 107
Decimal	7635804
CIELab	52.64, -12.77, 19.32
CIElCh	53, 23.162, 123.463
Yxy	20.7183, 0.3370, 0.4048
Android (android.graphics.Color)	4285825884 (0xFF74835C)
YUV	122.0690, -14.8240, -5.3225
Hunter-Lab	45.5174, -12.0062, 14.6486

Details

The XYZ color **17.2505, 20.7183, 13.2150** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9881, 12.4193, 23.1338**, and the grayscale version is **18.5677, 19.5347, 21.2733**.

A 20% lighter version of the original color is **38.2469, 44.5890, 32.5773**, and **5.8252, 7.4251, 3.7109** is the 20% darker color. If you saturate the color by 10%, you get **16.0750, 20.1735, 10.4248**, and if you desaturate by 10%, it is **18.5625, 21.3233, 16.5294**.

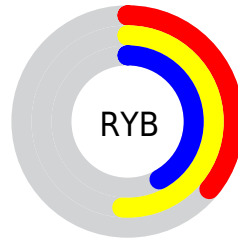
Distribution



Red (45%)

Green (51%)

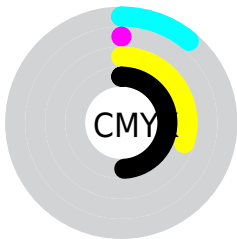
Blue (36%)



Red (36%)

Yellow (51%)

Blue (42%)

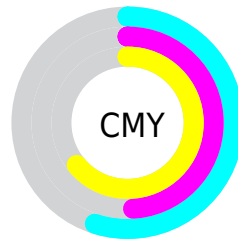


Cyan (11%)

Magenta (0%)

Yellow (30%)

Black (49%)



Cyan (55%)

Magenta (49%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2505, 20.7183, 13.2150 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 17.2505, 20.7183, 13.2150 by changing the saturation by 10% instead.

■ 17.2505, 20.7183,
13.2150

■ 17.2505, 20.7183,
13.2150

229.7400,
255.7776, 223.5470

■ 10.5097, 12.9182,
7.4443

■ 38.2962, 44.6182,
32.3863

■ 5.8030, 7.3723,
3.6589

■ 53.3317, 61.4869,
46.6240

■ 2.7652, 3.6960,
1.4401

■ 71.8628, 82.1472,
64.5212

■ 1.0308, 1.5050,
0.1727

■ 94.2549, 106.9836,
86.4963

■ 0.0000, 0.2922,
0.0000

120.8733,
136.3805, 112.9679

■ 0.0000, 0.0000,
0.0000

152.0834,

170.7221, 144.3545

188.2505,
210.3931, 181.0747

■ 17.2505, 20.7183,
13.2150

■ 17.2505, 20.7183,
13.2150

■ 16.0750, 20.1735,
10.4248

■ 18.5625, 21.3233,
16.5294

■ 15.0288, 19.6838,
8.1307

■ 20.0146, 21.9879,
20.3917

■ 14.1061, 19.2477,
6.3038

■ 21.6124, 22.7151,
24.8256

■ 13.3003, 18.8622,
4.9118

■ 23.3605, 23.5068,
29.8531

■ 12.6039, 18.5245,
3.9181

■ 25.2636, 24.3650,
35.4952

■ 12.0081, 18.2308,
3.2804

■ 27.3257, 25.2913,
41.7715

■ 11.4882, 17.9713,
2.8719

■ 29.5511, 26.2874,
48.7010

■ 11.4767, 17.9656,
2.8628

■ 31.9436, 27.3551,
56.3019

■ 34.5071, 28.4957,
64.5916

Harmonies

Analogous

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



19.4141, 20.7183, 11.7524



17.2505, 20.7183, 13.2150



15.8376, 20.7183, 17.1435

Triad

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



17.2505, 20.7183, 13.2150



17.6973, 20.7183, 36.6043



24.6786, 20.7183, 21.7680

Complementary

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



17.2505, 20.7183, 13.2150



13.9881, 12.4193, 23.1338

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.



24.1262, 20.7183, 29.0088



17.2505, 20.7183, 13.2150



19.9728, 20.7183, 38.5306

Square

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



17.2505, 20.7183, 13.2150



16.0804, 20.7183, 30.6786



22.3539, 20.7183, 35.5106



23.8078, 20.7183, 16.0152

Rectangle

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



17.2505, 20.7183, 13.2150



15.4455, 20.7183, 21.0842



22.3539, 20.7183, 35.5106



24.6535, 20.7183, 24.1004

Sweetspot

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



17.2510, 20.7192, 13.2154



35.9944, 39.4441, 36.9356



16.5451, 16.1036, 12.3618



8.2993, 9.1465, 8.3794



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.



17.2510, 20.7192, 13.2154



29.3803, 36.4014, 20.0429



14.9306, 19.5230, 13.1069



4.8708, 5.3360, 5.0026



11.2995, 17.6851, 2.8180



0.0473, 0.0655, 0.0101

Inverse Universe

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



13.9881, 12.4193, 23.1338



22.5152, 18.9322, 40.9208



16.5953, 13.7634, 23.2558



4.5913, 4.6254, 5.8516



5.3493, 2.2918, 21.2971



0.0262, 0.0119, 0.0741

Previews

White Background



This preview shows how the XYZ color 17.2505, 20.7183, 13.2150 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 17.2505, 20.7183, 13.2150 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

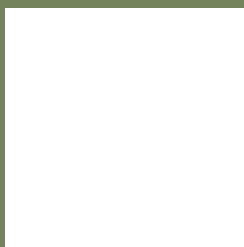
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2505, 20.7183, 13.2150

Background



This preview shows how black text looks on a background with the XYZ color 17.2505, 20.7183, 13.2150.



This preview shows how white text looks on a background with the XYZ color 17.2505, 20.7183,

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

17.2505, 20.7183, 13.2150

Protanopia

19.1708, 20.5563, 12.6302

Deuteranopia

20.9496, 20.5370, 13.4495



Tritanopia

19.7328, 20.5541, 25.8490

Trichromacy



Original Color

17.2505, 20.7183, 13.2150

Protanomaly

18.3798, 20.5233, 12.8902

Deuteranomaly

19.3368, 20.4399, 13.2821

Tritanomaly

18.6649, 20.5037, 20.4266

Monochromacy



Original Color

17.2505, 20.7183, 13.2150

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.9486, 19.8080, 17.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2505, 20.7183, 13.2150 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(116, 131, 92)` looks like.

```
.text, #text, p{  
    color:rgb(116, 131, 92)  
}
```

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(116, 131, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 131, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.2505, 20.7183, 13.2150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

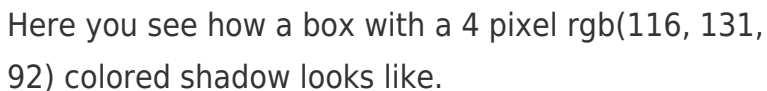
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 131, 92) }
```


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

```
.border{ border-color:rgb(116, 131, 92) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 131, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 131, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 131, 92); box-shadow:4px 4px 4px 4px rgb(116, 131, 92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2505, 20.7183, 13.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 131, 92) }
```

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

```
.background{ background-color: rgb(116,  
131, 92) }
```

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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