

Converting Colors

XYZ(17.5691, 17.2847, 20.8801)

Have a look what the booklet for
XYZ(17.5691, 17.2847, 20.8801)
contains.

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Color

**XYZ(17.4754, 17.2044,
20.8121)**

Conversions

Conversions Part 1

Format	Color
Hex	7B707A
RGB	123, 112, 122
RGB Percent	48%, 44%, 48%
CMY	0.5176, 0.5608, 0.5216
CMYK	0.00, 0.09, 0.01, 0.52
HSL	305°, 5%, 46%
HSV	305°, 9%, 48%
XYZ	17.4754, 17.2044, 20.8121
YIQ	116.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

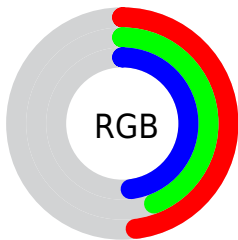
Format	Color
R_{YB}	123, 112, 122
Decimal	8089722
CIE Lab	48.52, 6.23, -3.97
CIE LCh	49, 7.386, 327.462
Yxy	17.2044, 0.3149, 0.3100
Android (android.graphics.Color)	4286279802 (0xFF7B707A)
YUV	116.4290, 2.7465, 5.7628
Hunter-Lab	41.4782, 2.6180, -0.7146

Details

The XYZ color **17.4754, 17.2044, 20.8121** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7463, 18.8034, 18.3704**, and the grayscale version is **16.7237, 17.5946, 19.1605**.

A 20% lighter version of the original color is **38.5946, 38.7209, 45.4841**, and **5.8600, 5.6037, 7.0761** is the 20% darker color. If you saturate the color by 10%, you get **16.1412, 14.6460, 20.0276**, and if you desaturate by 10%, it is **18.9968, 20.1354, 21.6634**.

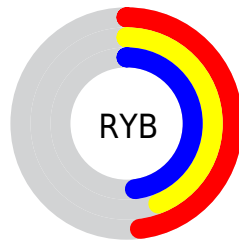
Distribution



Red (48%)

Green (44%)

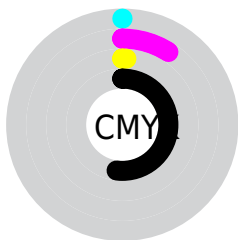
Blue (48%)



Red (48%)

Yellow (44%)

Blue (48%)

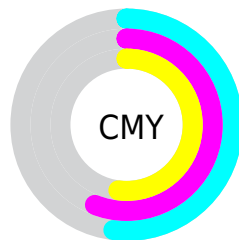


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4754, 17.2044, 20.8121 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 17.4754, 17.2044, 20.8121 by changing the saturation by 10% instead.

■ 17.4754, 17.2044,
20.8121

■ 17.4754, 17.2044,
20.8121

231.0005,
236.3475, 269.0264

■ 10.6714, 10.3803,
12.7968

■ 38.6785, 38.6769,
45.6513

■ 5.9120, 5.6519,
7.1597

■ 53.8083, 54.0941,
63.3124

■ 2.8318, 2.6346,
3.4822

■ 72.4441, 73.1444,
85.0257

■ 1.0654, 0.9441,
1.3458

■ 94.9513, 96.2124,
111.2100

■ 0.0000, 0.0000,
0.0989

121.6951,
123.6822, 142.2836

■ 0.0000, 0.0000,
0.0000

153.0411,

155.9385, 178.6652

189.3544,
193.3654, 220.7733

■ 17.4754, 17.2044,
20.8121

■ 17.4754, 17.2044,
20.8121

■ 16.1412, 14.6460,
20.0276

■ 18.9968, 20.1354,
21.6634

■ 14.9852, 12.4431,
19.3062

■ 20.7110, 23.4509,
22.5826

■ 14.0001, 10.5805,
18.6456

■ 22.6251, 27.1651,
23.5725

■ 13.1771, 9.0410,
18.0431

■ 24.7455, 31.2905,
24.6351

■ 12.5069, 7.8059,
17.4953

■ 27.0783, 35.8394,
25.7725

■ 11.9793, 6.8547,
16.9989

■ 29.6293, 40.8234,
26.9867

■ 11.5828, 6.1643,
16.5501

■ 32.4041, 46.2537,
28.2794

■ 11.3039, 5.7079,
16.1443

■ 35.4081, 52.1411,
29.6526

■ 11.1036, 5.4077,
15.7686

■ 38.6466, 58.4959,
31.1080

Harmonies

Analogous

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



16.9605, 17.2044, 22.2424



17.4754, 17.2044, 20.8121



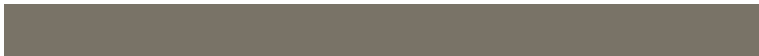
17.6887, 17.2044, 18.8984

Triad

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



17.4754, 17.2044, 20.8121



16.4100, 17.2044, 15.2468



15.2232, 17.2044, 20.5066

Complementary

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



17.4754, 17.2044, 20.8121



16.7463, 18.8034, 18.3704

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.



15.0849, 17.2044, 18.5679



17.4754, 17.2044, 20.8121



15.7588, 17.2044, 15.6130

Square

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



17.4754, 17.2044, 20.8121



17.0631, 17.2044, 15.7598



15.2783, 17.2044, 16.7966



15.6615, 17.2044, 22.0576

Rectangle

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



17.4754, 17.2044, 20.8121



17.6268, 17.2044, 17.6352



15.2783, 17.2044, 16.7966



15.1407, 17.2044, 19.8748

Sweetspot

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



17.4759, 17.2051, 20.8125



32.8513, 33.8063, 38.1487



16.1694, 16.5244, 21.0765



7.6899, 7.8712, 8.9583



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.4759, 17.2051, 20.8125



30.7085, 29.6839, 36.9315



17.1495, 17.0746, 19.0939



4.1395, 4.0715, 4.9324



11.4640, 5.5617, 16.2661



54.5199, 26.4643, 76.7251

Inverse Universe

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



17.4759, 17.2051, 20.8125



30.7085, 29.6839, 36.9315



17.0605, 18.9291, 20.0247



4.1395, 4.0715, 4.9324



11.4640, 5.5617, 16.2661



54.5199, 26.4643, 76.7251

Previews

White Background



This preview shows how the XYZ color 17.4754, 17.2044, 20.8121 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



This preview shows how the XYZ color 17.4754, 17.2044, 20.8121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

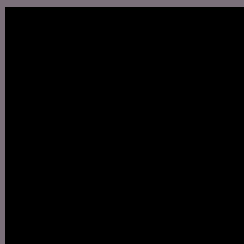
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4754, 17.2044, 20.8121

Background



This preview shows how black text looks on a background with the XYZ color 17.4754, 17.2044, 20.8121.



This preview shows how white text looks on a background with the XYZ color 17.4754, 17.2044,

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

17.4754, 17.2044, 20.8121

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

17.4754, 17.2044, 20.8121



Tritanopia

17.4137, 17.1798, 20.4874

Trichromacy



Original Color

17.4754, 17.2044, 20.8121

Protanomaly

17.0637, 17.3162, 21.1819

Deuteranomaly

17.4754, 17.2044, 20.8121

Tritanomaly

17.4137, 17.1798, 20.4874

Monochromacy



Original Color

17.4754, 17.2044, 20.8121

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.0085, 17.4914, 19.6193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4754, 17.2044, 20.8121 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(123, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(123, 112, 122)  
}
```

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(123, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 112, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.4754, 17.2044, 20.8121 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(123, 112, 122) }
```


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

```
.border{ border-color:rgb(123, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(123, 112,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4754, 17.2044, 20.8121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 112, 122) }
```

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

```
.background{ background-color: rgb(123,  
112, 122) }
```

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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