

Converting Colors

XYZ(18.4544, 20.8137, 10.2525)

Have a look what the booklet for
XYZ(18.4544, 20.8137, 10.2525)
contains.

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Color

**XYZ(18.4544, 20.8137,
10.2525)**

Conversions

Conversions Part 1

Format	Color
Hex	83804E
RGB	131, 128, 78
RGB Percent	51%, 50%, 31%
CMY	0.4863, 0.4980, 0.6941
CMYK	0.00, 0.02, 0.40, 0.49
HSL	57°, 25%, 41%
HSV	57°, 40%, 51%
XYZ	18.4544, 20.8137, 10.2525
YIQ	123.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

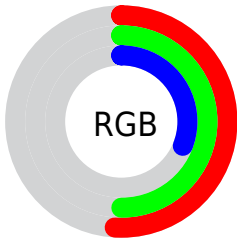
Format	Color
R_{YB}	81, 131, 78
Decimal	8618062
CIE _{Lab}	52.74, -6.79, 27.54
CIE _{LCh}	53, 28.361, 103.845
Yxy	20.8137, 0.3727, 0.4203
Android (android.graphics.Color)	4286808142 (0xFF83804E)
YUV	123.1970, -22.2821, 6.8432
Hunter-Lab	45.6220, -7.6342, 18.6114

Details

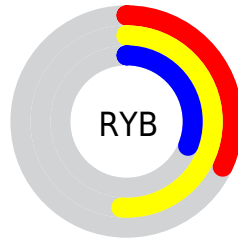
The XYZ color **18.4544, 20.8137, 10.2525** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.1810, 9.1430, 22.7009**, and the grayscale version is **18.9594, 19.9468, 21.7220**.

A 20% lighter version of the original color is **40.4277, 44.9205, 26.9618**, and **6.3650, 7.4017, 2.4597** is the 20% darker color. If you saturate the color by 10%, you get **17.9347, 20.4526, 7.9885**, and if you desaturate by 10%, it is **19.0694, 21.2156, 13.0104**.

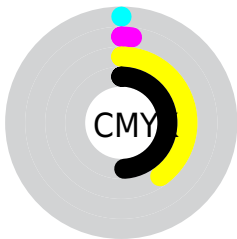
Distribution



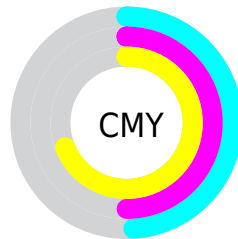
- Red (51%)
- Green (50%)
- Blue (31%)



- Red (32%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (2%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4544, 20.8137, 10.2525 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 18.4544, 20.8137, 10.2525 by changing the saturation by 10% instead.

■ 18.4544, 20.8137,
10.2525

■ 18.4544, 20.8137,
10.2525

236.4163,
256.2868, 203.0147

■ 11.3784, 12.9879,
5.4589

■ 40.3341, 44.7773,
26.8846

■ 6.3911, 7.4202,
2.4555

■ 55.8686, 61.6838,
39.5601

■ 3.1272, 3.7263,
0.8165

■ 74.9532, 82.3861,
55.7001

■ 1.2214, 1.5216,
0.0000

■ 97.9533, 107.2684,
75.7229

■ 0.1232, 0.3039,
0.0000

■ 125.2343,
136.7153, 100.0473

■ 0.0000, 0.0000,
0.0000

157.1616,

171.1110, 129.0917

194.1005,
210.8401, 163.2746

■ 18.4544, 20.8137,
10.2525

■ 18.4544, 20.8137,
10.2525

■ 17.9347, 20.4526,
7.9885

■ 19.0694, 21.2156,
13.0104

■ 17.5033, 20.1271,
6.1878

■ 19.7833, 21.6574,
16.2880

■ 17.1543, 19.8357,
4.8182

■ 20.6014, 22.1421,
20.1107

■ 16.8809, 19.5757,
3.8429

■ 21.5281, 22.6713,
24.5020

■ 16.6749, 19.3438,
3.2190

■ 22.5677, 23.2468,
29.4838

■ 16.5169, 19.1389,
2.8236

■ 23.7240, 23.8702,
35.0772

■ 25.0009, 24.5429,
41.3019

■ 26.4019, 25.2665,
48.1768

■ 27.9306, 26.0422,
55.7203

Harmonies

Analogous

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



21.4058, 20.8137, 10.3529



18.4544, 20.8137, 10.2525



16.1030, 20.8137, 12.8379

Triad

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



18.4544, 20.8137, 10.2525



15.9623, 20.8137, 35.9029



25.7559, 20.8137, 27.4971

Complementary

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



18.4544, 20.8137, 10.2525



10.1810, 9.1430, 22.7009

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.



23.9843, 20.8137, 36.5369



18.4544, 20.8137, 10.2525



18.2440, 20.8137, 42.1551

Square

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



18.4544, 20.8137, 10.2525



14.7641, 20.8137, 26.7827



21.1735, 20.8137, 42.4124



25.8266, 20.8137, 18.9883

Rectangle

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



18.4544, 20.8137, 10.2525



15.1095, 20.8137, 16.2212



21.1735, 20.8137, 42.4124



25.3322, 20.8137, 30.6167

Sweetspot

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



18.4549, 20.8146, 10.2529



36.6119, 39.4880, 34.6936



13.5899, 10.8764, 9.2732



8.4865, 9.1716, 7.9013



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.



18.4549, 20.8146, 10.2529



32.1451, 36.6463, 14.4247



15.6800, 19.9730, 10.2367



5.0178, 5.3792, 5.0032



16.2590, 18.8407, 2.7797



0.0580, 0.0687, 0.0102

Inverse Universe

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



10.1810, 9.1430, 22.7009



15.0950, 12.5985, 40.0893



12.1844, 9.8525, 22.7323



4.4541, 4.5837, 5.8507



4.1124, 1.7727, 21.2621



0.0155, 0.0087, 0.0741

Previews

White Background



This preview shows how the XYZ color 18.4544, 20.8137, 10.2525 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 18.4544, 20.8137, 10.2525 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 18.4544, 20.8137, 10.2525

Background



This preview shows how black text looks on a background with the XYZ color 18.4544, 20.8137, 10.2525.



This preview shows how white text looks on a background with the XYZ color 18.4544, 20.8137,

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

18.4544, 20.8137, 10.2525

Protanopia

19.1169, 20.7759, 10.0238

Deuteranopia

21.1133, 20.6875, 10.4697



Tritanopia

21.3728, 20.8761, 24.3758

Trichromacy



Original Color

18.4544, 20.8137, 10.2525

Protanomaly

18.9206, 20.8655, 10.0514

Deuteranomaly

19.9958, 20.6597, 10.3310

Tritanomaly

20.1240, 20.7361, 18.2710

Monochromacy



Original Color

18.4544, 20.8137, 10.2525

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5916, 20.1644, 16.8221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4544, 20.8137, 10.2525 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(131, 128, 78)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 78)  
}
```

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(131, 128, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 78) }
```

Border

The CSS property to change the border of an element to XYZ 18.4544, 20.8137, 10.2525 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(131, 128, 78) }
```


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

```
.border{ border-color:rgb(131, 128, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 128, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 78);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4544, 20.8137, 10.2525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 78) }
```

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

```
.background{ background-color: rgb(131,  
128, 78) }
```

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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