

Converting Colors

XYZ(41.3650, 50.2180, 20.5225)

Have a look what the booklet for
XYZ(41.3650, 50.2180, 20.5225)
contains.

XYZ(41.5300, 50.4244, 20.6407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5300, 50.4244,
20.6407)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C468
RGB	182, 196, 104
RGB Percent	71%, 77%, 41%
CMY	0.2863, 0.2314, 0.5921
CMYK	0.07, 0.00, 0.47, 0.23
HSL	69°, 44%, 59%
HSV	69°, 47%, 77%
XYZ	41.5300, 50.4244, 20.6407
YIQ	181.3260, 21.1880, -31.5800

Conversions

Conversions Part 2

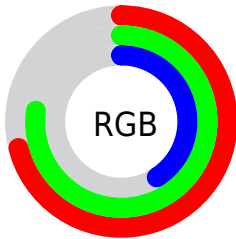
Format	Color
RYB	104, 196, 118
Decimal	11977832
CIELab	76.33, -18.56, 44.30
CIELCh	76, 48.028, 112.731
Yxy	50.4244, 0.3688, 0.4478
Android (android.graphics.Color)	4290167912 (0xFFB6C468)
YUV	181.3260, -38.1217, 0.5911
Hunter-Lab	71.0101, -19.8727, 32.4731

Details

The XYZ color **41.5300, 50.4244, 20.6407** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.3872, 17.7390, 54.4715**, and the grayscale version is **44.2906, 46.5971, 50.7443**.

A 20% lighter version of the original color is **76.8077, 91.0356, 45.4217**, and **19.0680, 24.1151, 7.0178** is the 20% darker color. If you saturate the color by 10%, you get **39.9512, 49.7141, 15.9604**, and if you desaturate by 10%, it is **43.3577, 51.2395, 26.5424**.

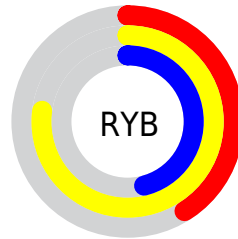
Distribution



Red (71%)

Green (77%)

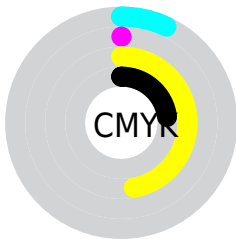
Blue (41%)



Red (41%)

Yellow (77%)

Blue (46%)

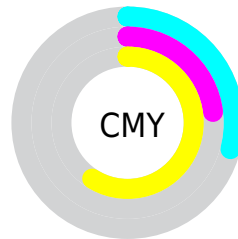


Cyan (7%)

Magenta (0%)

Yellow (47%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5300, 50.4244, 20.6407 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 41.5300, 50.4244, 20.6407 by changing the saturation by 10% instead.

■ 41.5300, 50.4244,
20.6407

■ 41.5300, 50.4244,
20.6407

343.5558,
388.3233, 268.0808

■ 28.9229, 35.7507,
12.6729

■ 76.7574, 90.8034,
45.3618

■ 19.1665, 24.2417,
7.0757

■ 100.1085,
117.2775, 62.9522

■ 11.8954, 15.5130,
3.4303

■ 127.7717,
148.4538, 84.5872

■ 6.7442, 9.1802,
1.3183

■ 160.1123,
184.7168, 110.6855

■ 3.3475, 4.8589,
0.0767

197.4956,
226.4509, 141.6654

■ 1.3401, 2.1647,
0.0000

240.2870,

■ 0.2129, 0.7007,

274.0404, 177.9456

0.0000

288.8520,
327.8697, 219.9445

■ 0.0000, 0.0000,
0.0000

■ 41.5300, 50.4244,
20.6407

■ 41.5300, 50.4244,
20.6407

■ 39.9512, 49.7141,
15.9604

■ 43.3577, 51.2395,
26.5424

■ 38.6013, 49.0953,
12.4128

■ 45.4454, 52.1586,
33.7399

■ 37.4629, 48.5629,
9.9020


■ 47.8079, 53.1894,
42.3052


■ 36.5147, 48.1082,
8.3153


■ 50.4578, 54.3369,
52.3041


■ 35.7275, 47.7196,
7.5001


■ 53.4069, 55.6059,
63.7984

 35.5022, 47.6072,
7.3180

 56.6663, 57.0008,
76.8459

 60.2465, 58.5257,
91.5017

 63.2084, 59.8052,
102.8199

 64.0440, 60.2360,
102.8590

Harmonies

Analogous

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



50.1561, 50.4244, 18.8902



41.5300, 50.4244, 20.6407



35.4022, 50.4244, 29.9740

Triad

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



41.5300, 50.4244, 20.6407



38.1686, 50.4244, 104.7045



67.2818, 50.4244, 61.4346

Complementary

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



41.5300, 50.4244, 20.6407



22.3872, 17.7390, 54.4715

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.



63.1039, 50.4244, 90.8291



41.5300, 50.4244, 20.6407



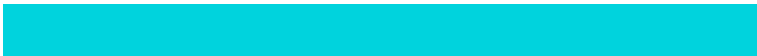
45.7647, 50.4244, 120.4224

Square

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



41.5300, 50.4244, 20.6407



33.6382, 50.4244, 76.4307



54.9491, 50.4244, 114.6751



65.7783, 50.4244, 37.8534

Rectangle

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



41.5300, 50.4244, 20.6407



33.1936, 50.4244, 41.4332



54.9491, 50.4244, 114.6751



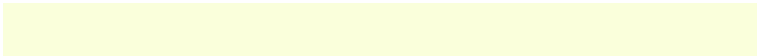
66.4791, 50.4244, 71.0166

Sweetspot

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



41.5312, 50.4267, 20.6418



87.8546, 96.8941, 81.2971



31.7203, 25.6464, 16.3758



18.5877, 20.6452, 16.5933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.5312, 50.4267, 20.6418



72.3857, 90.0621, 28.9563



32.4263, 45.7329, 20.2157



10.7579, 11.6782, 10.7490



22.8688, 30.6182, 4.7046



1.0298, 1.3444, 0.2052

Inverse Universe

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



22.3872, 17.7390, 54.4715



33.6879, 23.9158, 97.4484



30.1844, 21.7586, 54.8364



9.6679, 9.8199, 12.6707



6.7898, 2.7607, 33.7316



0.3398, 0.1432, 1.4596

Previews

White Background



This preview shows how the XYZ color 41.5300, 50.4244, 20.6407 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.5300, 50.4244, 20.6407 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 ✓ Pass

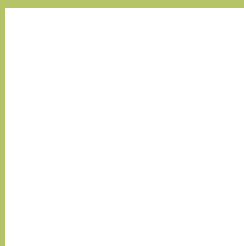
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5300, 50.4244, 20.6407

Background



This preview shows how black text looks on a background with the XYZ color 41.5300, 50.4244, 20.6407.



This preview shows how white text looks on a background with the XYZ color 41.5300, 50.4244,

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

41.5300, 50.4244, 20.6407

Protanopia

46.0643, 50.1714, 19.5681

Deuteranopia

51.1400, 49.9809, 21.1393



Tritanopia

49.7666, 50.2055, 61.7112

Trichromacy



Original Color

41.5300, 50.4244, 20.6407

Protanomaly

44.3178, 50.2267, 19.9293

Deuteranomaly

47.1542, 49.7565, 21.0286

Tritanomaly

45.9754, 49.9306, 42.8117

Monochromacy



Original Color

41.5300, 50.4244, 20.6407

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.3647, 47.2415, 37.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5300, 50.4244, 20.6407 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(182, 196, 104)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 104)  
}
```

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(182, 196, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 104) }
```

Border

The CSS property to change the border of an element to XYZ 41.5300, 50.4244, 20.6407 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(182, 196, 104) }
```


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

```
.border{ border-color:rgb(182, 196, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 196, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 104);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5300, 50.4244, 20.6407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 104) }
```

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

```
.background{ background-color: rgb(182,  
196, 104) }
```

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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