

Converting Colors

XYZ(11.3051, 15.5721, 20.8222)

Have a look what the booklet for
XYZ(11.3051, 15.5721, 20.8222)
contains.

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Color

**XYZ(11.3051, 15.5721,
20.8222)**

Conversions

Conversions Part 1

Format	Color
Hex	2A797A
RGB	42, 121, 122
RGB Percent	16%, 47%, 48%
CMY	0.8353, 0.5255, 0.5216
CMYK	0.66, 0.01, 0.00, 0.52
HSL	181°, 49%, 32%
HSV	181°, 66%, 48%
XYZ	11.3051, 15.5721, 20.8222
YIQ	97.4930, -47.4050, -16.4370

Conversions

Conversions Part 2

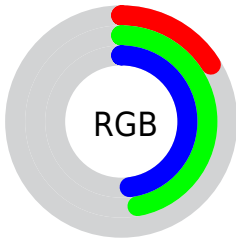
Format	Color
R_{YB}	42, 82, 122
Decimal	2783610
CIE _{Lab}	46.41, -23.11, -7.63
CIE _{LCh}	46, 24.332, 198.266
Yxy	15.5721, 0.2370, 0.3265
Android (android.graphics.Color)	4280973690 (0xFF2A797A)
YUV	97.4930, 12.0820, -48.6674
Hunter-Lab	39.4615, -17.9202, -3.6618

Details

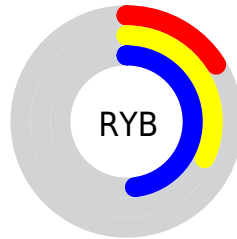
The XYZ color **11.3051, 15.5721, 20.8222** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.3082, 6.0330, 2.8649**, and the grayscale version is **11.4638, 12.0608, 13.1342**.

A 20% lighter version of the original color is **27.9216, 35.9807, 45.5178**, and **3.5200, 5.1158, 7.1053** is the 20% darker color. If you saturate the color by 10%, you get **10.8618, 15.3164, 20.7965**, and if you desaturate by 10%, it is **11.9014, 15.9074, 20.8558**.

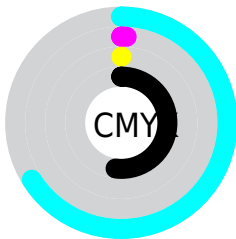
Distribution



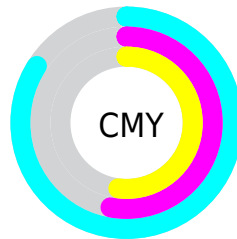
- Red (16%)
- Green (47%)
- Blue (48%)



- Red (16%)
- Yellow (32%)
- Blue (48%)



- Cyan (66%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



- Cyan (84%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3051, 15.5721, 20.8222 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 11.3051, 15.5721, 20.8222 by changing the saturation by 10% instead.

■ 11.3051, 15.5721,
20.8222

■ 11.3051, 15.5721,
20.8222

■ 193.6143,
226.8034, 269.0820

■ 6.3412, 9.2219,
12.8041

■ 27.8510, 35.8537,
45.6684

■ 3.0963, 4.8862,
7.1647

■ 40.1637, 50.5539,
63.3336

■ 1.2049, 2.1806,
3.4853

■ 55.6567, 68.8063,
85.0515

■ 0.1102, 0.7094,
1.3475

■ 74.6954, 90.9951,
111.2408

■ 0.0000, 0.0000,
0.1002

■ 97.6452, 117.5048,
142.3200

■ 0.0000, 0.0000,
0.0000

■ 124.8714,

148.7198, 178.7075

156.7393,
185.0245, 220.8220

■ 11.3051, 15.5721,
20.8222

■ 11.3051, 15.5721,
20.8222

■ 10.8618, 15.3164,
20.7965

■ 11.9014, 15.9074,
20.8558

■ 10.5557, 15.1312,
20.7769

■ 12.6618, 16.3269,
20.8967

■ 10.3627, 15.0044,
20.7626

■ 13.5980, 16.8371,
20.9458

■ 10.2869, 14.9532,
20.7567

■ 14.7201, 17.4432,
21.0037

■ 16.0377, 18.1502,
21.0707

■ 17.5595, 18.9624,
21.1472

■ 19.2939, 19.8843,
21.2338

■ 21.2486, 20.9198,
21.3306

■ 23.4311, 22.0728,
21.4381

Harmonies

Analogous

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



11.2064, 15.5721, 14.7221



11.3051, 15.5721, 20.8222



12.2850, 15.5721, 27.0690

Triad

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



11.3051, 15.5721, 20.8222



18.0048, 15.5721, 25.8226



15.6327, 15.5721, 8.0028

Complementary

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



11.3051, 15.5721, 20.8222



9.3082, 6.0330, 2.8649

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.



17.6386, 15.5721, 9.7387



11.3051, 15.5721, 20.8222



19.0917, 15.5721, 19.4037

Square

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



11.3051, 15.5721, 20.8222



16.0957, 15.5721, 30.3916



18.9517, 15.5721, 13.5996



13.5773, 15.5721, 8.2102

Rectangle

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



11.3051, 15.5721, 20.8222



13.3629, 15.5721, 30.0417



18.9517, 15.5721, 13.5996



16.3384, 15.5721, 8.3579

Sweetspot

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



11.3056, 15.5727, 20.8226



27.0319, 31.2975, 37.0092



8.3327, 14.5788, 4.5659



6.0638, 7.0934, 8.4562



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.3056, 15.5727, 20.8226



18.7931, 26.7573, 36.5671



7.4855, 7.9326, 19.5492



4.1030, 4.5043, 5.0963



10.8299, 15.7421, 21.8530



51.6097, 74.9921, 104.2246

Inverse Universe

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



12.3056, 7.1745, 18.8260



20.7163, 10.7968, 32.6849



11.4617, 10.3399, 3.5828



4.1524, 4.0767, 5.0004



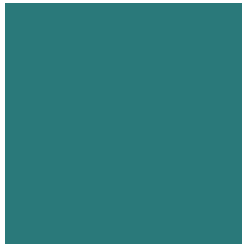
12.0497, 5.7960, 19.3506



57.4533, 27.6377, 92.1722

Previews

White Background



This preview shows how the XYZ color 11.3051, 15.5721, 20.8222 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 11.3051, 15.5721, 20.8222 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

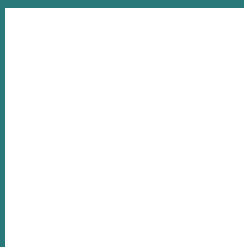
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3051, 15.5721, 20.8222

Background



This preview shows how black text looks on a background with the XYZ color 11.3051, 15.5721, 20.8222.



This preview shows how white text looks on a background with the XYZ color 11.3051, 15.5721,

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

11.3051, 15.5721, 20.8222

Protanopia

14.9363, 15.4672, 18.1178

Deuteranopia

15.7694, 15.5068, 21.5640



Tritanopia

11.8724, 15.6255, 23.5094

Trichromacy



Original Color

11.3051, 15.5721, 20.8222

Protanomaly

12.8623, 15.0259, 19.0520

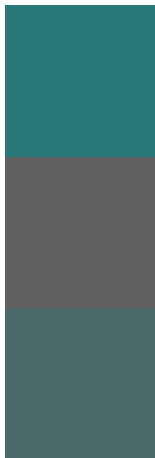
Deuteranomaly

13.3627, 15.0698, 21.2733

Tritanomaly

11.6294, 15.5231, 22.4620

Monochromacy



Original Color

11.3051, 15.5721, 20.8222

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.8161, 12.9265, 15.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3051, 15.5721, 20.8222 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(42, 121, 122)` looks like.

```
.text, #text, p{  
  color:rgb(42, 121, 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(42, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 121, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.3051, 15.5721, 20.8222 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(42, 121, 122) }
```


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

```
.border{ border-color:rgb(42, 121, 122) }
```

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

Here you see how a box with a 4 pixel rgb(42, 121, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(42, 121,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3051, 15.5721, 20.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 121, 122) }
```

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

```
.background{ background-color: rgb(42, 121,  
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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