

Converting Colors

XYZ(20.6136, 25.0285, 11.9901)

Have a look what the booklet for
XYZ(20.6136, 25.0285, 11.9901)
contains.

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Color

**XYZ(20.5897, 25.0153,
11.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	828F53
RGB	130, 143, 83
RGB Percent	51%, 56%, 33%
CMY	0.4902, 0.4392, 0.6745
CMYK	0.09, 0.00, 0.42, 0.44
HSL	73°, 27%, 44%
HSV	73°, 42%, 56%
XYZ	20.5897, 25.0153, 11.9269
YIQ	132.2730, 11.5120, -21.4160

Conversions

Conversions Part 2

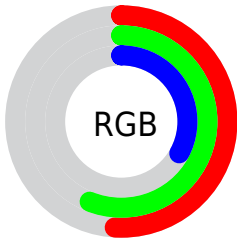
Format	Color
RYB	83, 143, 96
Decimal	8556371
CIELab	57.09, -14.75, 30.32
CIELCh	57, 33.723, 115.946
Yxy	25.0153, 0.3579, 0.4348
Android (android.graphics.Color)	4286746451 (0xFF828F53)
YUV	132.2730, -24.2916, -1.9934
Hunter-Lab	50.0153, -14.0440, 20.8721

Details

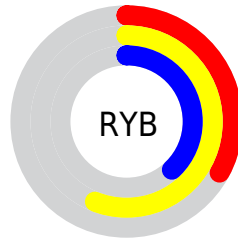
The XYZ color **20.5897, 25.0153, 11.9269** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.8761, 10.6572, 27.3665**, and the grayscale version is **22.1134, 23.2650, 25.3356**.

A 20% lighter version of the original color is **43.9671, 51.8163, 29.8745**, and **7.4572, 9.6183, 3.1326** is the 20% darker color. If you saturate the color by 10%, you get **19.6255, 24.5764, 9.2911**, and if you desaturate by 10%, it is **21.6833, 25.5094, 15.1643**.

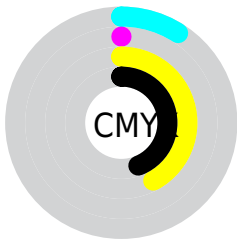
Distribution



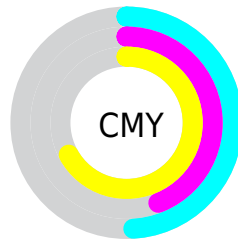
- Red (51%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5897, 25.0153, 11.9269 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 20.5897, 25.0153, 11.9269 by changing the saturation by 10% instead.

■ 20.5897, 25.0153,
11.9269

■ 20.5897, 25.0153,
11.9269

247.8631,
277.9141, 214.8815

■ 12.9352, 16.0885,
6.5720

■ 43.9001, 51.6820,
30.0243

■ 7.4606, 9.5868,
3.1215

■ 60.2867, 70.1907,
43.6039

■ 3.8007, 5.1258,
1.1570

■ 80.3147, 92.6622,
60.7621

■ 1.5900, 2.3213,
0.0000

■ 104.3494,
119.4807, 81.9174

■ 0.3859, 0.7849,
0.0000

■ 132.7563,
151.0308, 107.4885

■ 0.0000, 0.0000,
0.0000

165.9006,

187.6968, 137.8939

204.1477,
229.8631, 173.5520

■ 20.5897, 25.0153,
11.9269

■ 20.5897, 25.0153,
11.9269

■ 19.6255, 24.5764,
9.2911

■ 21.6833, 25.5094,
15.1643

■ 18.7818, 24.1865,
7.2182

■ 22.9112, 26.0579,
19.0356

■ 18.0512, 23.8434,
5.6673

■ 24.2799, 26.6645,
23.5730

■ 17.4246, 23.5435,
4.5916

■ 25.7952, 27.3315,
28.8056

■ 16.8915, 23.2826,
3.9357

■ 27.4625, 28.0609,
34.7612

■ 16.5065, 23.0915,
3.5871

■ 29.2868, 28.8548,
41.4658

■ 31.2730, 29.7153,
48.9442

■ 33.4256, 30.6440,
57.2201

■ 35.7491, 31.6429,
66.3161

Harmonies

Analogous

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



24.3201, 25.0153, 10.7299



20.5897, 25.0153, 11.9269



17.9949, 25.0153, 16.7361

Triad

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



20.5897, 25.0153, 11.9269



19.7520, 25.0153, 49.6676



32.2344, 25.0153, 28.8125

Complementary

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



20.5897, 25.0153, 11.9269



12.8761, 10.6572, 27.3665

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.



30.6797, 25.0153, 41.4083



20.5897, 25.0153, 11.9269



23.2407, 25.0153, 55.3894

Square

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



20.5897, 25.0153, 11.9269



17.5504, 25.0153, 37.9685



27.2758, 25.0153, 52.0106



31.3238, 25.0153, 18.7466

Rectangle

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



20.5897, 25.0153, 11.9269



17.1122, 25.0153, 22.2652



27.2758, 25.0153, 52.0106



31.9786, 25.0153, 32.8997

Sweetspot

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



20.5903, 25.0164, 11.9274



43.1416, 47.6002, 41.0733



17.0728, 14.8307, 10.1468



9.7766, 10.8641, 9.0274



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.5903, 25.0164, 11.9274



35.2909, 44.0773, 17.0211



16.6402, 22.9801, 11.7426



5.7268, 6.2273, 5.7895



14.6121, 20.4254, 3.1724



0.1580, 0.2047, 0.0312

Inverse Universe

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



12.8761, 10.6572, 27.3665



19.6417, 14.9205, 48.3827



16.6563, 12.6060, 27.5434



5.2321, 5.3078, 6.7775



4.8987, 2.0190, 23.1086



0.0627, 0.0275, 0.2217

Previews

White Background



This preview shows how the XYZ color 20.5897, 25.0153, 11.9269 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 20.5897, 25.0153, 11.9269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

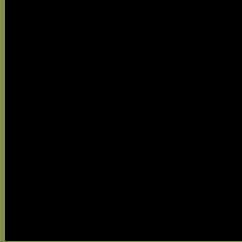
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5897, 25.0153, 11.9269

Background



This preview shows how black text looks on a background with the XYZ color 20.5897, 25.0153, 11.9269.



This preview shows how white text looks on a background with the XYZ color 20.5897, 25.0153,

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

20.5897, 25.0153, 11.9269

Protanopia

23.0085, 24.9694, 11.3915

Deuteranopia

25.3131, 24.9038, 12.2769



Tritanopia

24.4737, 25.0869, 30.7465

Trichromacy



Original Color

20.5897, 25.0153, 11.9269

Protanomaly

22.0833, 24.9141, 11.6276

Deuteranomaly

23.2526, 24.6592, 12.1285

Tritanomaly

22.7994, 25.0462, 22.3716

Monochromacy



Original Color

20.5897, 25.0153, 11.9269

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.2015, 23.6485, 19.3668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5897, 25.0153, 11.9269 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(130, 143, 83)` looks like.

```
.text, #text, p{  
    color:rgb(130, 143, 83)  
}
```

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(130, 143, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 143, 83) }
```

Border

The CSS property to change the border of an element to XYZ 20.5897, 25.0153, 11.9269 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(130, 143, 83) }
```


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

```
.border{ border-color:rgb(130, 143, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 143, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 143, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 143, 83);  
box-shadow:4px 4px 4px 4px rgb(130, 143,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5897, 25.0153, 11.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 143, 83) }
```

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

```
.background{ background-color: rgb(130,  
143, 83) }
```

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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