

Converting Colors

XYZ(20.1642, 21.3183, 13.5484)

Have a look what the booklet for
XYZ(20.1642, 21.3183, 13.5484)
contains.

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Color

**XYZ(20.1287, 21.2188,
13.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7E5E
RGB	139, 126, 94
RGB Percent	55%, 49%, 37%
CMY	0.4549, 0.5059, 0.6314
CMYK	0.00, 0.09, 0.32, 0.45
HSL	43°, 19%, 46%
HSV	43°, 32%, 55%
XYZ	20.1287, 21.2188, 13.6244
YIQ	126.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

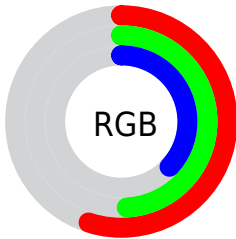
Format	Color
RYB	112, 139, 94
Decimal	9141854
CIELab	53.19, -0.19, 19.26
CIELCh	53, 19.257, 90.574
Yxy	21.2188, 0.3662, 0.3860
Android (android.graphics.Color)	4287331934 (0xFF8B7E5E)
YUV	126.2390, -15.8938, 11.1914
Hunter-Lab	46.0639, -2.6120, 14.7084

Details

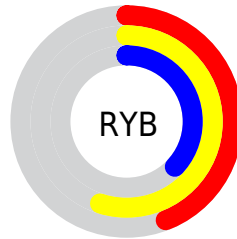
The XYZ color **20.1287, 21.2188, 13.6244** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5339, 14.7588, 26.5089**, and the grayscale version is **19.9611, 21.0007, 22.8697**.

A 20% lighter version of the original color is **43.2233, 45.6220, 33.3159**, and **7.2119, 7.5959, 3.8823** is the 20% darker color. If you saturate the color by 10%, you get **19.0574, 19.9860, 10.4623**, and if you desaturate by 10%, it is **21.3341, 22.5397, 17.3860**.

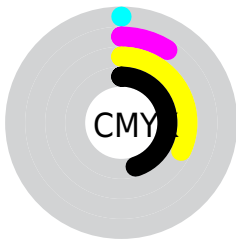
Distribution



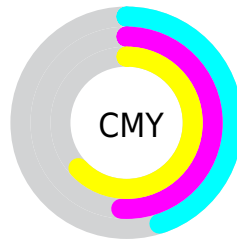
- Red (55%)
- Green (49%)
- Blue (37%)



- Red (44%)
- Yellow (55%)
- Blue (37%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1287, 21.2188, 13.6244 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 20.1287, 21.2188, 13.6244 by changing the saturation by 10% instead.

■ 20.1287, 21.2188,
13.6244

■ 20.1287, 21.2188,
13.6244

245.4313,
258.4390, 226.2281

■ 12.5974, 13.2840,
7.7241

■ 43.1352, 45.4514,
33.1286

■ 7.2270, 7.6244,
3.8337

■ 59.3411, 62.5180,
47.5695

■ 3.6521, 3.8556,
1.5346

■ 79.1692, 83.3974,
65.6945

■ 1.5072, 1.5931,
0.2435

■ 102.9850,
108.4739, 87.9220

■ 0.3308, 0.3529,
0.0000

131.1537,
138.1319, 114.6706

■ 0.0000, 0.0000,
0.0000

164.0408,

172.7558, 146.3588

202.0115,
212.7301, 183.4051

■ 20.1287, 21.2188,
13.6244

■ 20.1287, 21.2188,
13.6244

■ 19.0574, 19.9860,
10.4623

■ 21.3341, 22.5397,
17.3860

■ 18.1122, 18.8355,
7.8664

■ 22.6777, 23.9485,
21.7751

■ 17.2869, 17.7652,
5.8024

■ 24.1655, 25.4487,
26.8198

■ 16.5739, 16.7715,
4.2315

■ 25.8027, 27.0427,
32.5459

■ 15.9645, 15.8507,
3.1098

■ 27.5941, 28.7328,
38.9779

■ 15.4487, 14.9984,
2.3854

■ 29.5443, 30.5212,
46.1390

■ 15.0955, 14.3850,
1.9810

■ 31.6578, 32.4101,
54.0515

■ 33.9387, 34.4014,
62.7365

■ 36.3912, 36.4972,
72.2145

Harmonies

Analogous

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



22.1487, 21.2188, 14.6644



20.1287, 21.2188, 13.6244



18.2452, 21.2188, 14.7474

Triad

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



20.1287, 21.2188, 13.6244



16.9878, 21.2188, 29.2749



23.7655, 21.2188, 29.0480

Complementary

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



20.1287, 21.2188, 13.6244



14.5339, 14.7588, 26.5089

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.



22.2210, 21.2188, 34.1376



20.1287, 21.2188, 13.6244



18.3087, 21.2188, 34.2833

Square

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



20.1287, 21.2188, 13.6244



16.5081, 21.2188, 23.2160



20.2070, 21.2188, 36.1948



24.3320, 21.2188, 22.9917

Rectangle

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



20.1287, 21.2188, 13.6244



17.2981, 21.2188, 16.7016



20.2070, 21.2188, 36.1948



23.3386, 21.2188, 30.9626

Sweetspot

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



20.1292, 21.2198, 13.6248



41.1639, 43.4526, 40.8421



17.3306, 14.5667, 15.9467



9.4115, 9.9373, 9.1642



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.1292, 21.2198, 13.6248



34.5912, 36.3350, 20.0681



20.4591, 24.0194, 14.1478



5.3111, 5.6050, 5.3543



13.6394, 13.0133, 1.7929



0.1032, 0.1116, 0.0161

Inverse Universe

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



14.5339, 14.7588, 26.5089



22.9250, 22.8697, 46.9490



14.2567, 12.7533, 26.1364



4.8847, 5.1124, 6.3352



4.9087, 3.0878, 22.3830



0.0439, 0.0432, 0.1525

Previews

White Background



This preview shows how the XYZ color 20.1287, 21.2188, 13.6244 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 20.1287, 21.2188, 13.6244 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 20.1287, 21.2188, 13.6244

Background



This preview shows how black text looks on a background with the XYZ color 20.1287, 21.2188, 13.6244.



This preview shows how white text looks on a background with the XYZ color 20.1287, 21.2188,

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

20.1287, 21.2188, 13.6244

Protanopia

19.7631, 21.2211, 13.6441

Deuteranopia

21.6028, 21.2293, 13.7856



Tritanopia

22.2618, 21.1531, 24.3824

Trichromacy



Original Color

20.1287, 21.2188, 13.6244

Protanomaly

19.9263, 21.3053, 13.6518

Deuteranomaly

21.0026, 21.1031, 13.7928

Tritanomaly

21.5083, 21.2247, 20.1027

Monochromacy



Original Color

20.1287, 21.2188, 13.6244

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.8582, 20.9619, 18.9190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1287, 21.2188, 13.6244 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(139, 126, 94)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 94)  
}
```

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(139, 126, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 94) }
```

Border

The CSS property to change the border of an element to XYZ 20.1287, 21.2188, 13.6244 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(139, 126, 94) }
```


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

```
.border{ border-color:rgb(139, 126, 94) }
```

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

Here you see how a box with a 4 pixel rgb(139, 126, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 94);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1287, 21.2188, 13.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 94) }
```

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

```
.background{ background-color: rgb(139,  
126, 94) }
```

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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