

Converting Colors

XYZ(19.9927, 14.8420, 14.0069)

Have a look what the booklet for
XYZ(19.9927, 14.8420, 14.0069)
contains.

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Color

**XYZ(20.0947, 14.9102,
14.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	A05565
RGB	160, 85, 101
RGB Percent	63%, 33%, 40%
CMY	0.3725, 0.6666, 0.6039
CMYK	0.00, 0.47, 0.37, 0.37
HSL	347°, 31%, 48%
HSV	347°, 47%, 63%
XYZ	20.0947, 14.9102, 14.1308
YIQ	109.2490, 39.5640, 20.8760

Conversions

Conversions Part 2

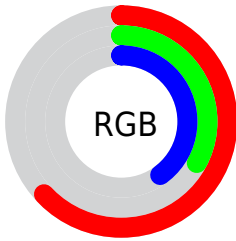
Format	Color
R_{YB}	160, 85, 101
Decimal	10507621
CIE _{Lab}	45.51, 32.73, 4.79
CIE _{LCh}	46, 33.080, 8.334
Yxy	14.9102, 0.4090, 0.3034
Android (android.graphics.Color)	4288697701 (0xFFA05565)
YUV	109.2490, -4.0668, 44.5086
Hunter-Lab	38.6137, 25.3179, 5.3323

Details

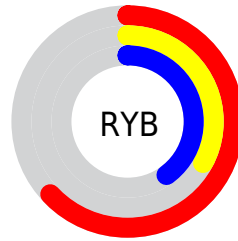
The XYZ color **20.0947, 14.9102, 14.1308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3519, 29.0869, 30.8762**, and the grayscale version is **14.6103, 15.3712, 16.7392**.

A 20% lighter version of the original color is **43.0869, 34.6270, 34.1185**, and **7.2406, 4.5923, 3.9948** is the 20% darker color. If you saturate the color by 10%, you get **18.4043, 12.4419, 10.7541**, and if you desaturate by 10%, it is **22.1652, 17.9874, 18.1006**.

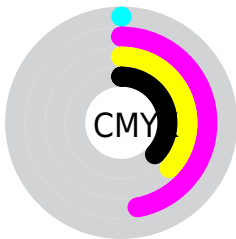
Distribution



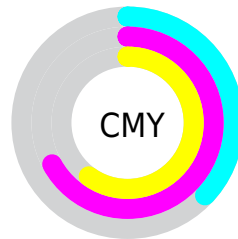
- Red (63%)
- Green (33%)
- Blue (40%)



- Red (63%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (37%)
- Black (37%)



- Cyan (37%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0947, 14.9102, 14.1308 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 20.0947, 14.9102, 14.1308 by changing the saturation by 10% instead.

■ 20.0947, 14.9102,
14.1308

■ 20.0947, 14.9102,
14.1308

245.2511,
222.8220, 229.4997

■ 12.5726, 8.7564,
8.0719

■ 43.0786, 34.6956,
34.0414

■ 7.2098, 4.5826,
4.0526

■ 59.2711, 49.0959,
48.7302

■ 3.6412, 2.0045,
1.6542

■ 79.0845, 67.0139,
67.1327

■ 1.5012, 0.6101,
0.3291

■ 102.8840, 88.8339,
89.6674

■ 0.3267, 0.0000,
0.0000

■ 131.0351,
114.9403, 116.7529

■ 0.0000, 0.0000,
0.0000

163.9031,

145.7175, 148.8078

201.8533,
181.5500, 186.2505

■ 20.0947, 14.9102,
14.1308

■ 20.0947, 14.9102,
14.1308

■ 18.4043, 12.4419,
10.7541

■ 22.1652, 17.9874,
18.1006

■ 17.0690, 10.5396,
7.9405

■ 24.6363, 21.7082,
22.6897

■ 16.0628, 9.1586,
5.6589

■ 27.5283, 26.1071,
27.9236


■ 15.3554, 8.2461,
3.8742


■ 30.8598, 31.2158,
33.8262


■ 14.9024, 7.7226,
2.5443


■ 34.6484, 37.0637,
40.4201

 14.7878, 7.5898,
2.2086

 38.9106, 43.6787,
47.7270

 43.6621, 51.0873,
55.7675

 48.9178, 59.3146,
64.5613

 54.6921, 68.3846,
74.1274

Harmonies

Analogous

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



19.6951, 14.9102, 22.5140



20.0947, 14.9102, 14.1308



18.7530, 14.9102, 8.5176

Triad

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



20.0947, 14.9102, 14.1308



11.1297, 14.9102, 6.9961



12.3021, 14.9102, 34.8410

Complementary

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



20.0947, 14.9102, 14.1308



21.3519, 29.0869, 30.8762

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.



10.4048, 14.9102, 27.5976



20.0947, 14.9102, 14.1308



9.7915, 14.9102, 11.2471

Square

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



20.0947, 14.9102, 14.1308



13.4167, 14.9102, 5.3653



9.5445, 14.9102, 18.5376



14.9545, 14.9102, 36.3819

Rectangle

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



20.0947, 14.9102, 14.1308



17.1427, 14.9102, 6.4336



9.5445, 14.9102, 18.5376



11.5655, 14.9102, 32.9009

Sweetspot

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



20.0951, 14.9109, 14.1311



51.4793, 49.6904, 53.3713



21.0522, 14.9427, 35.0324



11.0328, 10.5042, 11.2460



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.0951, 14.9109, 14.1311



33.3600, 22.5088, 19.4097



21.3173, 18.4899, 11.0407



6.6881, 6.6682, 7.2086



11.5333, 5.9179, 1.7936



0.2198, 0.1112, 0.1036

Inverse Universe

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



20.0951, 14.9109, 14.1311



33.3600, 22.5088, 19.4097



19.2886, 22.8629, 36.6541



6.6881, 6.6682, 7.2086



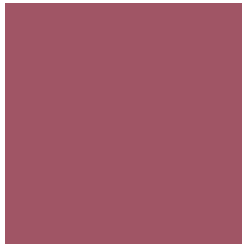
11.5333, 5.9179, 1.7936



0.2198, 0.1112, 0.1036

Previews

White Background



This preview shows how the XYZ color 20.0947, 14.9102, 14.1308 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 20.0947, 14.9102, 14.1308 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 20.0947, 14.9102, 14.1308

Background



This preview shows how black text looks on a background with the XYZ color 20.0947, 14.9102, 14.1308.



This preview shows how white text looks on a background with the XYZ color 20.0947, 14.9102,

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

20.0947, 14.9102, 14.1308

Protanopia

14.7065, 15.1912, 18.0767

Deuteranopia

15.3233, 14.9934, 13.6417



Tritanopia

19.6016, 14.8168, 12.1827

Trichromacy



Original Color

20.0947, 14.9102, 14.1308

Protanomaly

16.2196, 14.8077, 16.4713

Deuteranomaly

16.6802, 14.6845, 13.7596

Tritanomaly

19.7372, 14.8710, 12.8965

Monochromacy



Original Color

20.0947, 14.9102, 14.1308

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.0608, 14.7441, 15.6351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0947, 14.9102, 14.1308 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(160, 85, 101)` looks like.

```
.text, #text, p{  
    color:rgb(160, 85, 101)  
}
```

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(160, 85, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 85, 101) }
```

Border

The CSS property to change the border of an element to XYZ 20.0947, 14.9102, 14.1308 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(160, 85, 101) }
```


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

```
.border{ border-color:rgb(160, 85, 101) }
```

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

Here you see how a box with a 4 pixel rgb(160, 85, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 85, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 85, 101);  
box-shadow:4px 4px 4px 4px rgb(160, 85,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0947, 14.9102, 14.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 85, 101) }
```

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

```
.background{ background-color: rgb(160, 85,  
101) }
```

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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