

Converting Colors

XYZ(20.7383, 14.3229, 6.8251)

Have a look what the booklet for
XYZ(20.7383, 14.3229, 6.8251)
contains.

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Color

**XYZ(20.7330, 14.3097,
6.8236)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4B42
RGB	173, 75, 66
RGB Percent	68%, 29%, 26%
CMY	0.3216, 0.7059, 0.7412
CMYK	0.00, 0.57, 0.62, 0.32
HSL	5°, 45%, 47%
HSV	5°, 62%, 68%
XYZ	20.7330, 14.3097, 6.8236
YIQ	103.2760, 61.2970, 17.9770

Conversions

Conversions Part 2

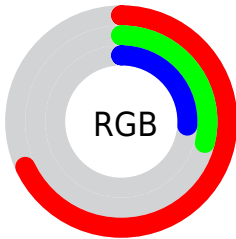
Format	Color
R_{YB}	173, 76, 66
Decimal	11356994
CIE _{Lab}	44.67, 39.46, 25.17
CIE _{LCh}	45, 46.803, 32.531
Yxy	14.3097, 0.4952, 0.3418
Android (android.graphics.Color)	4289547074 (0xFFAD4B42)
YUV	103.2760, -18.3771, 61.1479
Hunter-Lab	37.8282, 31.6337, 15.7847

Details

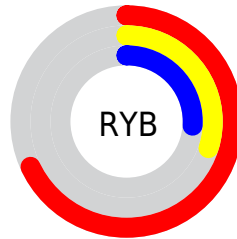
The XYZ color **20.7330, 14.3097, 6.8236** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.0641, 30.7244, 44.2497**, and the grayscale version is **13.0015, 13.6786, 14.8960**.

A 20% lighter version of the original color is **44.2309, 33.7173, 20.0965**, and **7.5313, 4.3195, 1.2474** is the 20% darker color. If you saturate the color by 10%, you get **19.3539, 12.2480, 4.2168**, and if you desaturate by 10%, it is **22.5347, 16.9699, 10.3325**.

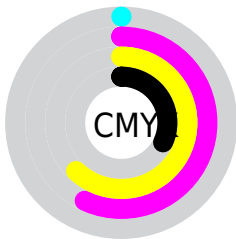
Distribution



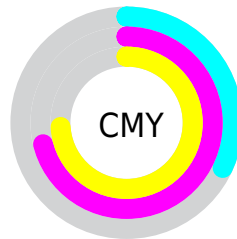
- Red (68%)
- Green (29%)
- Blue (26%)



- Red (68%)
- Yellow (30%)
- Blue (26%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (32%)



- Cyan (32%)
- Magenta (71%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7330, 14.3097, 6.8236 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 20.7330, 14.3097, 6.8236 by changing the saturation by 10% instead.

■ 20.7330, 14.3097,
6.8236

■ 20.7330, 14.3097,
6.8236

248.6148,
219.1491, 175.7647

■ 13.0403, 8.3364,
3.2753

■ 44.1374, 33.6375,
20.1242

■ 7.5335, 4.3109,
1.2368

■ 60.5798, 47.7609,
30.7136

■ 3.8472, 1.8490,
0.0092

■ 80.6695, 65.3696,
44.4871

■ 1.6161, 0.5174,
0.0000

■ 104.7718, 86.8482,
61.8632

■ 0.4028, 0.0000,
0.0000

■ 133.2522,
112.5811, 83.2605

■ 0.0000, 0.0000,
0.0000

■ 166.4759,

142.9526, 109.0975

204.8083,
178.3471, 139.7927

■ 20.7330, 14.3097,
6.8236

■ 20.7330, 14.3097,
6.8236

■ 19.3539, 12.2480,
4.2168

■ 22.5347, 16.9699,
10.3325

■ 18.3616, 10.7362,
2.4287

■ 24.7888, 20.2676,
14.8152

■ 17.7163, 9.7219,
1.3618

■ 27.5234, 24.2414,
20.3371

■ 17.3981, 9.2135,
0.8614

■ 30.7642, 28.9258,
26.9577

■ 34.5350, 34.3535,
34.7320

■ 38.8582, 40.5546,
43.7112

■ 43.7547, 47.5579,
53.9437

■ 49.2445, 55.3906,
65.4750

■ 55.3465, 64.0787,
78.3484

Harmonies

Analogous

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



22.2779, 14.3097, 14.6755



20.7330, 14.3097, 6.8236



17.2549, 14.3097, 3.4168

Triad

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



20.7330, 14.3097, 6.8236



8.0964, 14.3097, 7.7882



13.9259, 14.3097, 47.2027

Complementary

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



20.7330, 14.3097, 6.8236



23.0641, 30.7244, 44.2497

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.



10.5031, 14.3097, 42.4762



20.7330, 14.3097, 6.8236



7.5325, 14.3097, 16.5227

Square

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



20.7330, 14.3097, 6.8236



10.0400, 14.3097, 3.7638



8.3267, 14.3097, 29.7495



17.9177, 14.3097, 40.6994

Rectangle

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



20.7330, 14.3097, 6.8236



14.5724, 14.3097, 2.6837



8.3267, 14.3097, 29.7495



12.6736, 14.3097, 46.8747

Sweetspot

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



20.7333, 14.3105, 6.8238



56.7064, 54.1244, 51.5865



25.8901, 15.4641, 36.7816



11.9396, 11.2088, 10.4218



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



20.7333, 14.3105, 6.8238



33.9751, 20.8964, 6.2917



25.9905, 24.8248, 8.5762



8.0574, 8.1197, 8.3559



12.8003, 6.8061, 0.6391



0.3732, 0.2235, 0.0235

Inverse Universe

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



23.0641, 30.7244, 44.2497



38.4255, 52.6168, 78.9366



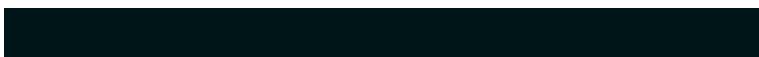
15.4287, 15.4536, 41.7046



8.1778, 8.9550, 10.2502



14.5995, 20.3328, 32.1997



0.4227, 0.5987, 0.9013

Previews

White Background



This preview shows how the XYZ color 20.7330, 14.3097, 6.8236 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 20.7330, 14.3097, 6.8236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

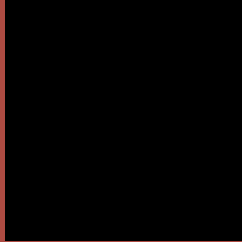
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7330, 14.3097, 6.8236

Background



This preview shows how black text looks on a background with the XYZ color 20.7330, 14.3097, 6.8236.



This preview shows how white text looks on a background with the XYZ color 20.7330, 14.3097,

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

20.7330, 14.3097, 6.8236

Protanopia

13.5047, 14.4500, 9.4745

Deuteranopia

14.5492, 14.3114, 6.4104



Tritanopia

21.2132, 14.3138, 8.8525

Trichromacy



Original Color

20.7330, 14.3097, 6.8236

Protanomaly

15.3199, 13.8297, 8.3405

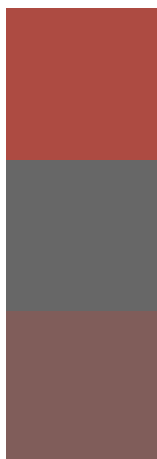
Deuteranomaly

16.4014, 14.0329, 6.5468

Tritanomaly

21.1404, 14.3906, 8.1420

Monochromacy



Original Color

20.7330, 14.3097, 6.8236

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.6619, 13.1561, 11.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7330, 14.3097, 6.8236 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(173, 75, 66)` looks like.

```
.text, #text, p{  
    color:rgb(173, 75, 66)  
}
```

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(173, 75, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 75, 66) }
```

Border

The CSS property to change the border of an element to XYZ 20.7330, 14.3097, 6.8236 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(173, 75, 66) }
```


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

```
.border{ border-color:rgb(173, 75, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 75, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 75, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 75, 66);  
box-shadow:4px 4px 4px 4px rgb(173, 75,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7330, 14.3097, 6.8236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 75, 66) }
```

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

```
.background{ background-color: rgb(173, 75,  
66) }
```

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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