

Converting Colors

XYZ(21.3010, 28.7083, 20.3924)

Have a look what the booklet for
XYZ(21.3010, 28.7083, 20.3924)
contains.

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Color

**XYZ(21.3275, 28.7944,
20.3534)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9E72
RGB	107, 158, 114
RGB Percent	42%, 62%, 45%
CMY	0.5804, 0.3804, 0.5529
CMYK	0.32, 0.00, 0.28, 0.38
HSL	128°, 21%, 52%
HSV	128°, 32%, 62%
XYZ	21.3275, 28.7944, 20.3534
YIQ	137.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

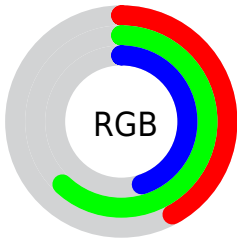
Format	Color
R_{YB}	107, 152, 158
Decimal	7052914
CIE _{Lab}	60.60, -26.34, 17.71
CIE _{LCh}	61, 31.739, 146.076
Yxy	28.7944, 0.3026, 0.4086
Android (android.graphics.Color)	4285242994 (0xFF6B9E72)
YUV	137.7350, -11.7014, -26.9546
Hunter-Lab	53.6604, -22.9603, 15.0736

Details

The XYZ color **21.3275, 28.7944, 20.3534** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.9451, 20.0194, 31.8286**, and the grayscale version is **24.1047, 25.3600, 27.6170**.

A 20% lighter version of the original color is **45.1744, 57.8153, 44.8549**, and **7.8247, 11.5713, 6.9753** is the 20% darker color. If you saturate the color by 10%, you get **18.8798, 27.6165, 16.4861**, and if you desaturate by 10%, it is **24.2395, 30.2000, 24.8473**.

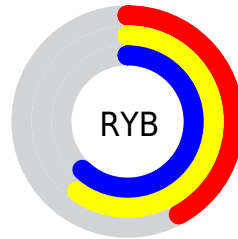
Distribution



Red (42%)

Green (62%)

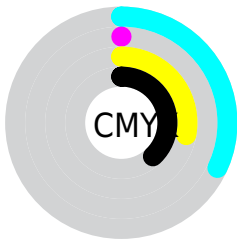
Blue (45%)



Red (42%)

Yellow (60%)

Blue (62%)

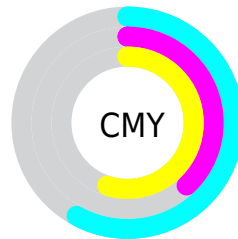


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3275, 28.7944, 20.3534 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 21.3275, 28.7944, 20.3534 by changing the saturation by 10% instead.

■ 21.3275, 28.7944,
20.3534

■ 21.3275, 28.7944,
20.3534

251.7128,
296.2436, 266.4891

■ 13.4774, 18.9253,
12.4656

■ 45.1191, 57.7503,
44.8756

■ 7.8374, 11.6163,
6.9352

■ 61.7914, 77.6059,
62.3471

■ 4.0420, 6.4830,
3.3438

■ 82.1351, 101.5591,
83.8502

■ 1.7259, 3.1409,
1.2727

■ 106.5156,
129.9944, 109.8035

■ 0.4724, 1.2058,
0.0393

135.2983,
163.2961, 140.6255

■ 0.0000, 0.0664,
0.0000

168.8485,

■ 0.0000, 0.0000,

201.8486, 176.7347

0.0000

207.5315,
246.0363, 218.5498

■ 21.3275, 28.7944,
20.3534

■ 21.3275, 28.7944,
20.3534

■ 18.8798, 27.6165,
16.4861

■ 24.2395, 30.2000,
24.8473

■ 16.8701, 26.6507,
13.2159

■ 27.6359, 31.8405,
29.9919

■ 15.2730, 25.8855,
10.5134


■ 31.5381, 33.7274,
35.8124


■ 14.0593, 25.3066,
8.3463


■ 35.9658, 35.8703,
42.3321


■ 13.1963, 24.8977,
6.6789


■ 40.9376, 38.2782,
49.5730


 12.6454, 24.6399,
5.4712

 46.4711, 40.9599,
57.5564

 12.3692, 24.5116,
4.8227

 52.5832, 43.9235,
66.3026

 59.2900, 47.1770,
75.8311

 66.6070, 50.7280,
86.1607

Harmonies

Analogous

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



24.0434, 28.7944, 15.1163



21.3275, 28.7944, 20.3534



20.2250, 28.7944, 29.8307

Triad

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



21.3275, 28.7944, 20.3534



26.8317, 28.7944, 59.7424



35.0873, 28.7944, 22.4288

Complementary

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



21.3275, 28.7944, 20.3534



24.9451, 20.0194, 31.8286

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.



36.0218, 28.7944, 32.9246



21.3275, 28.7944, 20.3534



30.9863, 28.7944, 56.3536

Square

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



21.3275, 28.7944, 20.3534



23.1955, 28.7944, 54.0977



34.4538, 28.7944, 45.7350



32.0136, 28.7944, 16.0874

Rectangle

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



21.3275, 28.7944, 20.3534



20.4631, 28.7944, 38.0375



34.4538, 28.7944, 45.7350



35.6744, 28.7944, 25.5001

Sweetspot

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



21.3283, 28.7956, 20.3540



51.5842, 58.4963, 56.5628



27.6815, 32.1151, 18.6500



11.4280, 13.0905, 12.4497



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.



21.3283, 28.7956, 20.3540



35.3266, 50.6508, 31.6014



22.9732, 29.4536, 29.0164



6.5860, 7.4152, 7.2545



9.9152, 19.6340, 3.9105



0.1866, 0.3548, 0.1190

Inverse Universe

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



24.9451, 20.0194, 31.8286



42.9730, 32.0837, 55.8502



23.1056, 19.2836, 22.1422



6.8650, 6.7389, 8.1401



14.8807, 7.2568, 19.4206



0.2759, 0.1337, 0.3988

Previews

White Background



This preview shows how the XYZ color 21.3275, 28.7944, 20.3534 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 21.3275, 28.7944, 20.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

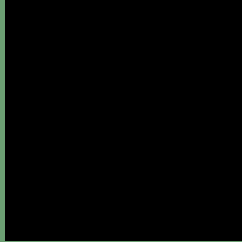
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3275, 28.7944, 20.3534

Background



This preview shows how black text looks on a background with the XYZ color 21.3275, 28.7944, 20.3534.



This preview shows how white text looks on a background with the XYZ color 21.3275, 28.7944,

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

21.3275, 28.7944, 20.3534

Protanopia

26.5425, 28.4014, 18.2704

Deuteranopia

29.0103, 28.4992, 21.1114



Tritanopia

25.2652, 28.9187, 39.3722

Trichromacy



Original Color

21.3275, 28.7944, 20.3534

Protanomaly

24.2021, 28.3418, 18.9468

Deuteranomaly

25.4987, 28.2628, 20.9410

Tritanomaly

23.5540, 28.6972, 31.4918

Monochromacy



Original Color

21.3275, 28.7944, 20.3534

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.8402, 26.3478, 24.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3275, 28.7944, 20.3534 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(107, 158, 114)` looks like.

```
.text, #text, p{  
    color:rgb(107, 158, 114)  
}
```

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(107, 158, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 158, 114) }
```

Border

The CSS property to change the border of an element to XYZ 21.3275, 28.7944, 20.3534 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(107, 158, 114) }
```


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

```
.border{ border-color:rgb(107, 158, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 158, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 158, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 158, 114);  
box-shadow:4px 4px 4px 4px rgb(107, 158,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3275, 28.7944, 20.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 158, 114) }
```

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

```
.background{ background-color: rgb(107,  
158, 114) }
```

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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