

Converting Colors

XYZ(28.5774, 24.1334, 20.9213)

Have a look what the booklet for
XYZ(28.5774, 24.1334, 20.9213)
contains.

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Color

**XYZ(28.5774, 24.1334,
20.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	B37778
RGB	179, 119, 120
RGB Percent	70%, 47%, 47%
CMY	0.2980, 0.5333, 0.5294
CMYK	0.00, 0.34, 0.33, 0.30
HSL	359°, 28%, 58%
HSV	359°, 34%, 70%
XYZ	28.5774, 24.1334, 20.9213
YIQ	137.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

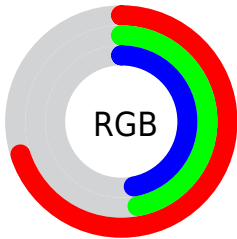
Format	Color
R_{YB}	179, 119, 120
Decimal	11761528
CIE _{Lab}	56.22, 23.67, 9.11
CIE _{LCh}	56, 25.359, 21.054
Yxy	24.1334, 0.3881, 0.3278
Android (android.graphics.Color)	4289951608 (0xFFB37778)
YUV	137.0540, -8.4076, 36.7866
Hunter-Lab	49.1258, 17.8668, 9.1381

Details

The XYZ color **28.5774, 24.1334, 20.9213** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.7648, 39.3771, 48.0479**, and the grayscale version is **23.8202, 25.0607, 27.2911**.

A 20% lighter version of the original color is **56.7910, 50.3165, 45.7486**, and **11.6720, 9.1333, 7.2786** is the 20% darker color. If you saturate the color by 10%, you get **25.6724, 19.8786, 15.1580**, and if you desaturate by 10%, it is **32.0814, 29.2715, 27.8537**.

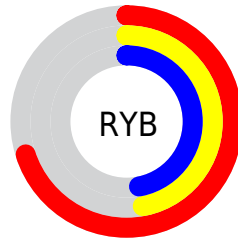
Distribution



Red (70%)

Green (47%)

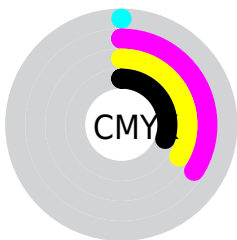
Blue (47%)



Red (70%)

Yellow (47%)

Blue (47%)

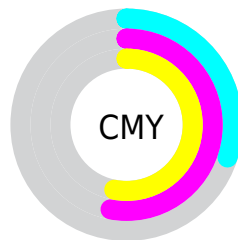


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (30%)



Cyan (30%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5774, 24.1334, 20.9213 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 28.5774, 24.1334, 20.9213 by changing the saturation by 10% instead.

■ 28.5774, 24.1334,
20.9213

■ 28.5774, 24.1334,
20.9213

287.2461,
273.4942, 269.6272

■ 18.9040, 15.4326,
12.8758

■ 56.8072, 50.2478,
45.8356

■ 11.7046, 9.1236,
7.2134

■ 76.0943, 68.4302,
63.5415

■ 6.6136, 4.8219,
3.5154

■ 99.3168, 90.5419,
85.3046

■ 3.2658, 2.1431,
1.3635

126.8399,
116.9674, 111.5435

■ 1.2958, 0.6887,
0.1130

159.0290,
148.0909, 142.6766

■ 0.1801, 0.0000,
0.0000

196.2495,

■ 0.0000, 0.0000,

184.2970, 179.1226

0.0000

238.8668,
225.9699, 221.3000

■ 28.5774, 24.1334,
20.9213

■ 28.5774, 24.1334,
20.9213

■ 25.6724, 19.8786,
15.1580

■ 32.0814, 29.2715,
27.8537

■ 23.3310, 16.4542,
10.4981

■ 36.2131, 35.3349,
36.0130

■ 21.5172, 13.8069,
6.8714


■ 41.0018, 42.3675,
45.4551


■ 20.1901, 11.8760,
4.1996

■ 46.4745, 50.4089,
56.2320


■ 19.3028, 10.5916,
2.3926


■ 52.6566, 59.4968,
68.3927

 18.7991, 9.8699,
1.3435

 59.5720, 69.6668,
81.9839

 18.6067, 9.5902,
0.9558

 67.2439, 80.9530,
97.0499

 72.4005, 88.3237,
107.8400

Harmonies

Analogous

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



28.9332, 24.1334, 28.8536



28.5774, 24.1334, 20.9213



26.6453, 24.1334, 15.6643

Triad

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



28.5774, 24.1334, 20.9213



18.8486, 24.1334, 17.4223



22.0774, 24.1334, 45.5408

Complementary

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



28.5774, 24.1334, 20.9213



31.7648, 39.3771, 48.0479

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.



19.5917, 24.1334, 40.8455



28.5774, 24.1334, 20.9213



17.8342, 24.1334, 23.8589

Square

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



28.5774, 24.1334, 20.9213



20.9826, 24.1334, 13.9617



18.0942, 24.1334, 32.4770



25.0114, 24.1334, 44.2879

Rectangle

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



28.5774, 24.1334, 20.9213



24.8067, 24.1334, 13.8296



18.0942, 24.1334, 32.4770



21.1657, 24.1334, 44.5746

Sweetspot

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



28.5780, 24.1346, 20.9218



67.5946, 67.3039, 69.8996



33.0942, 25.9144, 45.9057



14.7203, 14.5363, 14.9827



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.5780, 24.1346, 20.9218



47.3516, 37.6124, 29.8744



32.5108, 32.0963, 21.9359



8.5019, 8.5075, 8.8754



13.1508, 6.7779, 0.6881



0.4157, 0.2140, 0.0316

Inverse Universe

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



28.5780, 24.1346, 20.9218



47.3516, 37.6124, 29.8744



26.6518, 28.9904, 46.8389



8.5019, 8.5075, 8.8754



13.1508, 6.7779, 0.6881



0.4157, 0.2140, 0.0316

Previews

White Background



This preview shows how the XYZ color 28.5774, 24.1334, 20.9213 looks on a white background.

Color Contrast Check

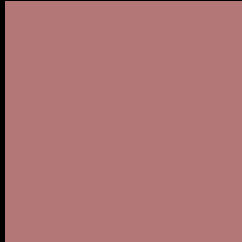
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5774, 24.1334, 20.9213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

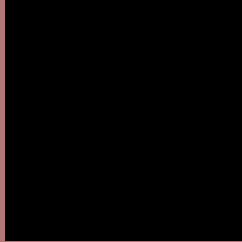
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5774, 24.1334, 20.9213

Background



This preview shows how black text looks on a background with the XYZ color 28.5774, 24.1334, 20.9213.



This preview shows how white text looks on a background with the XYZ color 28.5774, 24.1334,

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

28.5774, 24.1334, 20.9213

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.5791, 24.1433, 20.5042



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

28.5774, 24.1334, 20.9213

Protanomaly

24.8784, 24.0512, 22.7332

Deuteranomaly

25.8949, 24.0401, 20.7282

Tritanomaly

28.9389, 24.1154, 22.1983

Monochromacy



Original Color

28.5774, 24.1334, 20.9213

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.0283, 24.2794, 24.8400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5774, 24.1334, 20.9213 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(179, 119, 120)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 120)  
}
```

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(179, 119, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 120) }
```

Border

The CSS property to change the border of an element to XYZ 28.5774, 24.1334, 20.9213 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(179, 119, 120) }
```


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

```
.border{ border-color:rgb(179, 119, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 120);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5774, 24.1334, 20.9213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 120) }
```

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

```
.background{ background-color: rgb(179,  
119, 120) }
```

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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