

Converting Colors

XYZ(17.5748, 20.9482, 29.5373)

Have a look what the booklet for
XYZ(17.5748, 20.9482, 29.5373)
contains.

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Color

**XYZ(17.5414, 20.9125,
29.4975)**

Conversions

Conversions Part 1

Format	Color
Hex	598590
RGB	89, 133, 144
RGB Percent	35%, 52%, 56%
CMY	0.6510, 0.4784, 0.4353
CMYK	0.38, 0.08, 0.00, 0.44
HSL	192°, 24%, 46%
HSV	192°, 38%, 56%
XYZ	17.5414, 20.9125, 29.4975
YIQ	121.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

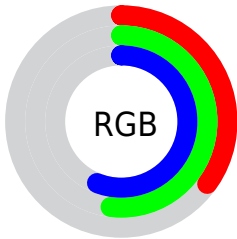
Format	Color
R_{YB}	89, 113, 144
Decimal	5866896
CIE _{Lab}	52.85, -12.11, -10.70
CIE _{LCh}	53, 16.159, 221.457
Yxy	20.9125, 0.2581, 0.3078
Android (android.graphics.Color)	4284056976 (0xFF598590)
YUV	121.0980, 11.2907, -28.1499
Hunter-Lab	45.7302, -11.5580, -6.2329

Details

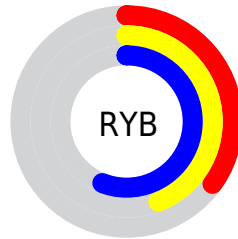
The XYZ color **17.5414, 20.9125, 29.4975** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8623, 15.7653, 11.5534**, and the grayscale version is **18.1777, 19.1243, 20.8264**.

A 20% lighter version of the original color is **38.7365, 44.8577, 60.0429**, and **5.9130, 7.4067, 11.7077** is the 20% darker color. If you saturate the color by 10%, you get **15.9037, 19.4914, 29.3099**, and if you desaturate by 10%, it is **19.4615, 22.4962, 29.7023**.

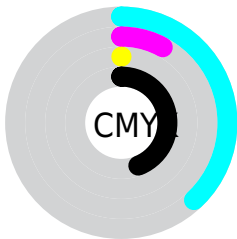
Distribution



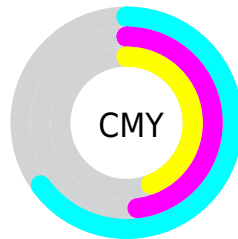
- Red (35%)
- Green (52%)
- Blue (56%)



- Red (35%)
- Yellow (44%)
- Blue (56%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5414, 20.9125, 29.4975 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 17.5414, 20.9125, 29.4975 by changing the saturation by 10% instead.

■ 17.5414, 20.9125,
29.4975

■ 17.5414, 20.9125,
29.4975

231.3692,
256.8131, 313.6892

■ 10.7189, 13.0601,
19.2087

■ 38.7906, 44.9419,
59.9182

■ 5.9441, 7.4699,
11.6428

■ 53.9480, 61.8876,
80.8871

■ 2.8514, 3.7577,
6.3814

■ 72.6144, 82.6332,
106.2532

■ 1.0757, 1.5390,
3.0058

■ 95.1552, 107.5630,
136.4349

■ 0.0046, 0.3159,
1.0976

121.9357,
137.0616, 171.8508

■ 0.0000, 0.0000,
0.0000

153.3213,

171.5132, 212.9195

189.6773,
211.3022, 260.0594

■ 17.5414, 20.9125,
29.4975

■ 17.5414, 20.9125,
29.4975

■ 15.9037, 19.4914,
29.3099

■ 19.4615, 22.4962,
29.7023

■ 14.5306, 18.2222,
29.1373

■ 21.6767, 24.2477,
29.9237

■ 13.4052, 17.0964,
28.9793

■ 24.2013, 26.1750,
30.1626

■ 12.5076, 16.1038,
28.8350

■ 27.0480, 28.2848,
30.4198

■ 11.8151, 15.2324,
28.7033

■ 30.2289, 30.5834,
30.6958

■ 11.2803, 14.4577,
28.5820

■ 33.7551, 33.0767,
30.9912

■ 11.1881, 14.3216,
28.5605

■ 37.6377, 35.7705,
31.3065

■ 41.8869, 38.6702,
31.6423

■ 46.5127, 41.7810,
31.9989

Harmonies

Analogous

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



16.8615, 20.9125, 24.6674



17.5414, 20.9125, 29.4975



18.8620, 20.9125, 32.7722

Triad

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



17.5414, 20.9125, 29.4975



23.1164, 20.9125, 25.8571



19.2388, 20.9125, 14.8188

Complementary

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



17.5414, 20.9125, 29.4975



17.8623, 15.7653, 11.5534

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.



20.9272, 20.9125, 15.0434



17.5414, 20.9125, 29.4975



23.2315, 20.9125, 20.9728

Square

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



17.5414, 20.9125, 29.4975



22.1046, 20.9125, 30.4739



22.4106, 20.9125, 17.1523



17.8038, 20.9125, 16.4883

Rectangle

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



17.5414, 20.9125, 29.4975



19.9594, 20.9125, 33.3876



22.4106, 20.9125, 17.1523



19.7943, 20.9125, 14.6824

Sweetspot

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



17.5420, 20.9133, 29.4980



41.2756, 45.1018, 53.0681



16.3497, 22.9732, 15.3984



9.3414, 10.2486, 12.1580



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5420, 20.9133, 29.4980



28.3850, 34.6763, 51.7352



14.3515, 14.5322, 28.4345



5.4699, 5.9356, 6.8862



9.7593, 12.5045, 24.8763



0.1083, 0.1496, 0.2428

Inverse Universe

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



19.3081, 14.7681, 24.0240



32.0573, 22.5381, 40.2096



20.8409, 21.7224, 12.5462



5.5807, 5.4928, 6.5558



12.7291, 6.2487, 14.7569



0.1293, 0.0628, 0.1810

Previews

White Background



This preview shows how the XYZ color 17.5414, 20.9125, 29.4975 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 17.5414, 20.9125, 29.4975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

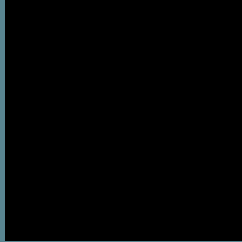
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5414, 20.9125, 29.4975

Background



This preview shows how black text looks on a background with the XYZ color 17.5414, 20.9125, 29.4975.



This preview shows how white text looks on a background with the XYZ color 17.5414, 20.9125,

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

17.5414, 20.9125, 29.4975

Protanopia

20.3060, 20.8164, 27.3738

Deuteranopia

21.1734, 20.8304, 30.0988



Tritanopia

17.5414, 20.9125, 29.4975

Trichromacy



Original Color

17.5414, 20.9125, 29.4975

Protanomaly

19.0824, 20.7409, 28.1970

Deuteranomaly

19.6396, 20.8005, 29.7678

Tritanomaly

17.5414, 20.9125, 29.4975

Monochromacy



Original Color

17.5414, 20.9125, 29.4975

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.6027, 19.5034, 23.6057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5414, 20.9125, 29.4975 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(89, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(89, 133, 144)  
}
```

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(89, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 133, 144) }
```

Border

The CSS property to change the border of an element to XYZ 17.5414, 20.9125, 29.4975 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(89, 133, 144) }
```


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

```
.border{ border-color:rgb(89, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(89, 133,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5414, 20.9125, 29.4975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 133, 144) }
```

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

```
.background{ background-color: rgb(89, 133,  
144) }
```

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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