

Converting Colors

XYZ(12.5517, 13.9178, 17.5853)

Have a look what the booklet for
XYZ(12.5517, 13.9178, 17.5853)
contains.

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Color

**XYZ(12.5527, 13.9318,
17.6503)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6B71
RGB	91, 107, 113
RGB Percent	36%, 42%, 44%
CMY	0.6431, 0.5804, 0.5569
CMYK	0.19, 0.05, 0.00, 0.56
HSL	196°, 11%, 40%
HSV	196°, 19%, 44%
XYZ	12.5527, 13.9318, 17.6503
YIQ	102.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

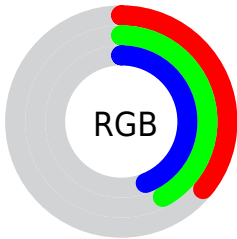
Format	Color
R_{YB}	91, 100, 113
Decimal	5991281
CIE Lab	44.13, -4.58, -5.37
CIE LCh	44, 7.055, 229.559
Yxy	13.9318, 0.2844, 0.3157
Android (android.graphics.Color)	4284181361 (0xFF5B6B71)
YUV	102.9000, 4.9793, -10.4363
Hunter-Lab	37.3253, -5.2888, -1.9092

Details

The XYZ color **12.5527, 13.9318, 17.6503** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9731, 12.8154, 11.6876**, and the grayscale version is **12.8554, 13.5249, 14.7287**.

A 20% lighter version of the original color is **30.0029, 32.8331, 40.3534**, and **3.6522, 4.1713, 5.6137** is the 20% darker color. If you saturate the color by 10%, you get **11.2062, 12.7696, 17.4972**, and if you desaturate by 10%, it is **14.0793, 15.2046, 17.8157**.

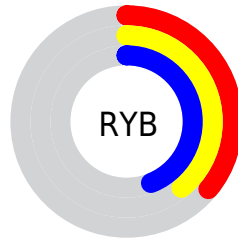
Distribution



Red (36%)

Green (42%)

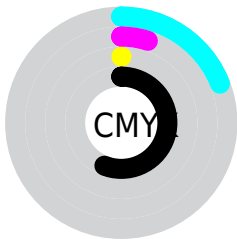
Blue (44%)



Red (36%)

Yellow (39%)

Blue (44%)

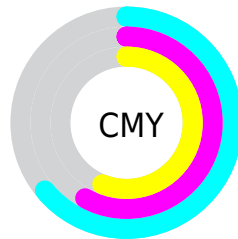


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (56%)



Cyan (64%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5527, 13.9318, 17.6503 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 12.5527, 13.9318, 17.6503 by changing the saturation by 10% instead.

■ 12.5527, 13.9318,
17.6503

■ 12.5527, 13.9318,
17.6503

201.7268,
216.8061, 251.0621

■ 7.1961, 8.0732,
10.5324

■ 30.1060, 32.9680,
40.2464

■ 3.6325, 4.1419,
5.6432

■ 43.0335, 46.9144,
56.5616

■ 1.4964, 1.7532,
2.5641

■ 59.2153, 64.3255,
76.7798

■ 0.3234, 0.4578,
0.8738

■ 79.0168, 85.5858,
101.3193

■ 0.0000, 0.0000,
0.0000

102.8033,
111.0796, 130.5987

130.9403,

141.1913, 165.0366

163.7930,
176.3054, 205.0516

■ 12.5527, 13.9318,
17.6503

■ 12.5527, 13.9318,
17.6503

■ 11.2062, 12.7696,
17.4972

■ 14.0793, 15.2046,
17.8157

■ 10.0308, 11.7121,
17.3550

■ 15.7918, 16.5900,
17.9929

■ 9.0190, 10.7555,
17.2237

■ 17.6974, 18.0923,
18.1824

■ 8.1617, 9.8951,
17.1028

■ 19.8025, 19.7149,
18.3847

■ 7.4494, 9.1257,
16.9918

■ 22.1131, 21.4611,
18.5999

■ 6.8709, 8.4414,
16.8902

■ 24.6350, 23.3341,
18.8285

■ 6.4138, 7.8355,
16.7974

■ 27.3739, 25.3370,
19.0708

■ 6.0323, 7.2843,
16.7111

■ 30.3350, 27.4725,
19.3269

■ 6.0124, 7.2557,
16.7066

■ 33.5236, 29.7437,
19.5972

Harmonies

Analogous

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



12.2488, 13.9318, 16.2299



12.5527, 13.9318, 17.6503



13.0468, 13.9318, 18.4231

Triad

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



12.5527, 13.9318, 17.6503



14.3338, 13.9318, 15.7375



12.8831, 13.9318, 12.4345

Complementary

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



12.5527, 13.9318, 17.6503



12.9731, 12.8154, 11.6876

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.



13.4387, 13.9318, 12.3232



12.5527, 13.9318, 17.6503



14.2870, 13.9318, 14.1561

Square

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



12.5527, 13.9318, 17.6503



14.0818, 13.9318, 17.2680



13.9556, 13.9318, 12.9325



12.4358, 13.9318, 13.2481

Rectangle

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



12.5527, 13.9318, 17.6503



13.4221, 13.9318, 18.4325



13.9556, 13.9318, 12.9325



13.0630, 13.9318, 12.3160

Sweetspot

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



12.5531, 13.9324, 17.6506



26.1882, 28.0241, 32.0044



12.3712, 14.8952, 13.4999



6.0249, 6.4554, 7.3982



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.5531, 13.9324, 17.6506



21.4400, 24.0614, 31.4898



11.4903, 11.8067, 17.2963



3.4018, 3.6689, 4.2831



6.8032, 8.1968, 18.9452



33.1455, 39.3429, 94.1261

Inverse Universe

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



13.2053, 12.0547, 15.5414



22.8316, 20.1480, 26.9683



14.0471, 14.9633, 12.0456



3.4775, 3.4387, 4.0411



9.4523, 4.6733, 9.4577



46.7103, 23.1294, 45.1341

Previews

White Background



This preview shows how the XYZ color 12.5527, 13.9318, 17.6503 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 12.5527, 13.9318, 17.6503 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 12.5527, 13.9318, 17.6503

Background



This preview shows how black text looks on a background with the XYZ color 12.5527, 13.9318, 17.6503.



This preview shows how white text looks on a background with the XYZ color 12.5527, 13.9318,

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

12.5527, 13.9318, 17.6503

Protanopia

13.4284, 13.7912, 16.9931

Deuteranopia

14.1214, 13.8373, 17.8462



Tritanopia

12.6666, 13.9773, 18.2500

Trichromacy



Original Color

12.5527, 13.9318, 17.6503

Protanomaly

13.0205, 13.7231, 17.2918

Deuteranomaly

13.4810, 13.7990, 17.8725

Tritanomaly

12.6093, 13.9544, 17.9485

Monochromacy



Original Color

12.5527, 13.9318, 17.6503

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.7497, 13.6148, 15.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5527, 13.9318, 17.6503 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(91, 107, 113) looks like.

```
.text, #text, p{  
    color:rgb(91, 107, 113)  
}
```

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(91, 107, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 107, 113) }
```

Border

The CSS property to change the border of an element to XYZ 12.5527, 13.9318, 17.6503 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(91, 107, 113) }
```


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

```
.border{ border-color:rgb(91, 107, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 107, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 107, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 107, 113);  
box-shadow:4px 4px 4px 4px rgb(91, 107,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5527, 13.9318, 17.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 107, 113) }
```

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

```
.background{ background-color: rgb(91, 107,  
113) }
```

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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