

Converting Colors

XYZ(17.6187, 21.1011, 25.1762)

Have a look what the booklet for
XYZ(17.6187, 21.1011, 25.1762)
contains.

XYZ(17.6582, 21.0652, 25.3256)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.6582, 21.0652,
25.3256)**

Conversions

Conversions Part 1

Format	Color
Hex	628585
RGB	98, 133, 133
RGB Percent	38%, 52%, 52%
CMY	0.6157, 0.4784, 0.4784
CMYK	0.26, 0.00, 0.00, 0.48
HSL	180°, 15%, 45%
HSV	180°, 26%, 52%
XYZ	17.6582, 21.0652, 25.3256
YIQ	122.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

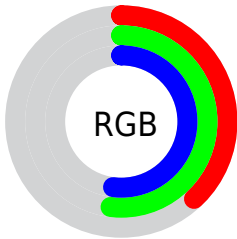
Format	Color
R_{YB}	98, 116, 133
Decimal	6456709
CIE _{Lab}	53.02, -12.20, -4.00
CIE _{LCh}	53, 12.838, 198.136
Yxy	21.0652, 0.2757, 0.3289
Android (android.graphics.Color)	4284646789 (0xFF628585)
YUV	122.5350, 5.1592, -21.5172
Hunter-Lab	45.8968, -11.6440, -0.5881

Details

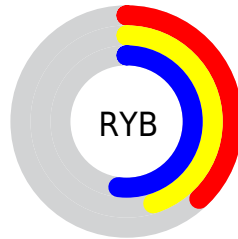
The XYZ color **17.6582, 21.0652, 25.3256** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2459, 14.6044, 13.5189**, and the grayscale version is **18.6628, 19.6347, 21.3822**.

A 20% lighter version of the original color is **38.9995, 45.1470, 53.1131**, and **6.0089, 7.5047, 9.5194** is the 20% darker color. If you saturate the color by 10%, you get **16.3408, 20.3866, 25.2642**, and if you desaturate by 10%, it is **19.2153, 21.8684, 25.3992**.

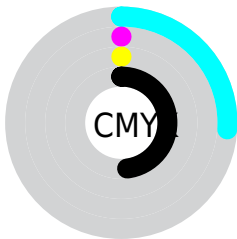
Distribution



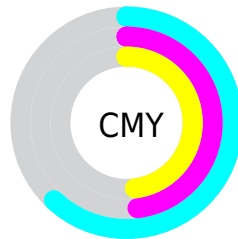
- Red (38%)
- Green (52%)
- Blue (52%)



- Red (38%)
- Yellow (45%)
- Blue (52%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (62%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6582, 21.0652, 25.3256 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 17.6582, 21.0652, 25.3256 by changing the saturation by 10% instead.

■ 17.6582, 21.0652,
25.3256

■ 17.6582, 21.0652,
25.3256

232.0204,
257.6248, 292.9550

■ 10.8031, 13.1717,
16.0986

■ 38.9887, 45.1960,
53.1556

■ 6.0009, 7.5469,
9.4388

■ 54.1948, 62.2021,
72.5957

■ 2.8863, 3.8064,
4.9278

■ 72.9152, 83.0145,
96.2772

■ 1.0939, 1.5659,
2.1470

■ 95.5154, 108.0176,
124.6186

■ 0.0200, 0.3344,
0.6435

122.3607,
137.5957, 158.0386

■ 0.0000, 0.0000,
0.0000

153.8163,

172.1334, 196.9556

190.2478,
212.0150, 241.7883

■ 17.6582, 21.0652,
25.3256

■ 17.6582, 21.0652,
25.3256

■ 16.3408, 20.3866,
25.2642

■ 19.2153, 21.8684,
25.3992

■ 15.2496, 19.8241,
25.2129

■ 21.0212, 22.7994,
25.4839

■ 14.3723, 19.3718,
25.1716

■ 23.0869, 23.8643,
25.5808

■ 13.6949, 19.0226,
25.1396

■ 25.4220, 25.0681,
25.6903

■ 13.2016, 18.7683,
25.1163

■ 28.0358, 26.4155,
25.8129

■ 12.8745, 18.5997,
25.1008

■ 30.9369, 27.9111,
25.9489

■ 12.6826, 18.5008,
25.0915

■ 34.1339, 29.5592,
26.0988

■ 12.6213, 18.4691,
25.0886

■ 37.6347, 31.3640,
26.2628

■ 41.4471, 33.3293,
26.4415

Harmonies

Analogous

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



17.5908, 21.0652, 21.4438



17.6582, 21.0652, 25.3256



18.3413, 21.0652, 28.9210

Triad

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



17.6582, 21.0652, 25.3256



22.0149, 21.0652, 28.2558



20.5595, 21.0652, 16.4116

Complementary

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



17.6582, 21.0652, 25.3256



16.2459, 14.6044, 13.5189

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.



21.8020, 21.0652, 17.8402



17.6582, 21.0652, 25.3256



22.6672, 21.0652, 24.4967

Square

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



17.6582, 21.0652, 25.3256



20.8396, 21.0652, 30.7391



22.5875, 21.0652, 20.7024



19.2258, 21.0652, 16.5803

Rectangle

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



17.6582, 21.0652, 25.3256



19.0720, 21.0652, 30.5387



22.5875, 21.0652, 20.7024



21.0027, 21.0652, 16.7137

Sweetspot

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



17.6588, 21.0661, 25.3261



37.0049, 40.4984, 45.6047



15.6930, 20.2870, 14.6444



8.2363, 9.0721, 10.2696



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6588, 21.0661, 25.3261



30.0610, 36.9187, 45.2786



15.5263, 16.8009, 24.6158



4.8016, 5.2789, 5.9666



12.0215, 17.5914, 23.8963



0.0416, 0.0609, 0.0828

Inverse Universe

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



16.2459, 14.6044, 13.5189



27.0552, 23.1720, 20.1597



17.9995, 18.1116, 14.1030



4.6726, 4.6887, 4.8882



9.2136, 4.7498, 0.4314



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 17.6582, 21.0652, 25.3256 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 17.6582, 21.0652, 25.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

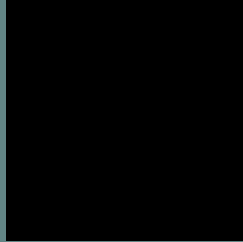
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6582, 21.0652, 25.3256

Background



This preview shows how black text looks on a background with the XYZ color 17.6582, 21.0652, 25.3256.



This preview shows how white text looks on a background with the XYZ color 17.6582, 21.0652,

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

17.6582, 21.0652, 25.3256

Protanopia

20.3254, 21.0959, 23.7695

Deuteranopia

21.2876, 20.9835, 25.8499



Tritanopia

18.3893, 21.1648, 28.7072

Trichromacy



Original Color

17.6582, 21.0652, 25.3256

Protanomaly

19.2156, 21.0941, 24.1779

Deuteranomaly

19.7776, 20.9649, 25.5585

Tritanomaly

18.0571, 21.0193, 27.5315

Monochromacy



Original Color

17.6582, 21.0652, 25.3256

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3596, 20.2885, 23.0271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6582, 21.0652, 25.3256 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(98, 133, 133) looks like.

```
.text, #text, p{  
    color:rgb(98, 133, 133)  
}
```

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(98, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 133, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.6582, 21.0652, 25.3256 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(98, 133, 133) }
```


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

```
.border{ border-color:rgb(98, 133, 133) }
```

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

Here you see how a box with a 4 pixel rgb(98, 133, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(98, 133,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6582, 21.0652, 25.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 133, 133) }
```

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

```
.background{ background-color: rgb(98, 133,  
133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor